Service Manual

TV/DVD/VCR Combination



PbF Solder Lead free PV-DF205 PV-DF2035 PV-DF275 PV-DF2735 PV-DF2035-K PV-DF2735-K

For servicing the R4-Mechanism Chassis for PV-Model, Please refer to the R4-Mechanism-Chassis-for-PV-Model Service Manual (Order No. MKE0401000C1).

ITEM SPECIFICATION			1		1		ITI	ΞМ	SPECIFICATION				
	Video	Head: 4 rotary heads helical scanning system Input Level: VIDEO IN Jack (Phono type) 1.0 Vp-p 75 Ω unbalanced Output Level: VIDEO OUT Jack (Phono type) 1.0 Vp-p 75 Ω unbalanced Signal-to-Noise Ratio: SP: more than 43 dB LP/SLP: more than 41 dB		1		(1) DVD disc (DVD-Video, DVD-R): 12 cm (5 inch) single-sided, single-layer 12 cm (5 inch) single-sided, double-layer 12 cm (5 inch) double-sided, double-layer (one layer per side) 8 cm (3 inch) single-sided, single-layer 8 cm (3 inch) single-sided, double-layer							
		Head: Normal Mono: 1 stationary head Hi-Fi Stereo: 2 rotary heads Input Level: AUDIO IN Jack (Phono type) -10 dBy 50 kΩ unbalanced Output Level: AUDIO OUT Jack (Phono type) -8 dBy 1 kΩ unbalanced	+		-	Discs Played	(2) DVD-RAM:	0					
	Audio	Frequency Response: Normal Mono: SP: 100 Hz ~ 8 kHz SLP: 100 Hz ~ 5 kHz Hi-Fi Stereo: SP/LP/SLP: 20 Hz ~ 20 kHz	0				12 cm (5 inch) 9.4 GB (double-sided) and 4.7 GB (single-sided) 8 cm (3 inch) 2.8 GB (double-sided) (3) Compact disc (CD-DA, Video CD, CD-R, CD-RW): 12 cm (5 inch) disc, 8 cm (3 inch) disc						
VCR		Signal-to-Noise Ratio: Normal Mono: SP: more than 42 dB SLP: more than 40 dB Hi-Fi Stereo: SP/SLP: more than 60 dB	0	0		Digital Audio Output	Optical digital output: Optical connector						
		Wow and Flutter: Normal Mono: SP: Less than 0.2 % WRMS SLP: Less than 0.4 % WRMS Hi-Fi Stereo: SP/SLP: Less than 0.015 % WRMS	0	0)	Pickup	Wavelength: 655 nm (DVD), 790 nm (CD) Laser power: CLASS II						
-		Proodcost Changale: VIIIE 2 12 TILIE 14 60					Source: 120 V AC±12 V AC, 60 Hz±3 Hz	0					
		CABLE Channels: Midband A through I (14 ~ 22) Superband J through W (23 ~ 36)	0	00		Power	Consumption: Approx. 112 W (Power on), Approx. 0.8 W (Power off) Approx. 132 W (Power on), Approx. 0.8 W (Power off)	0					
	Tuner					Television System	EIA Standard (525 lines, 60 fields) NTSC Color Signal	0					
		Special CABLE channel 5A (01) Ultraband 65 ~ 94, 100 ~ 125			OFNEDA	Speaker	2 pieces 3 W 2 pieces 5 W	0					
	Tape Speed	SP: 1-5/16 i.p.s (33.35 mm/s), SLP: 7/16 i.p.s (11.12 mm/s) Record/Playback Time: 8 hr. with 160 min. type tape used in SLP mode	0		GENERAL	Operating Condition	5 °C ~ 35 °C (41 °F ~ 95 °F) (Temperature) 10 % ~ 75 % (Humidity)	0					
	Tape Format	Tape width 12.7 mm (1/2 inch) high density tape	0			Weight	28 kg (61.7 lbs.) 48 kg (105.8 lbs.)	0					
	Picture	20 inch, measured diagonal pure flat Picture Tube 27 inch, measured diagonal pure flat Picture Tube	0			Dimension (W x H x D)	604 mm x 520 mm x 496 mm (23-3/4 inch x 20-1/2 inch x 19-1/2 inch) 760 mm x 642 mm x 502 mm (29-7/8 inch x 25-1/4 inch x 19-3/4 inch)	0					
DIOI EN	Tube	De 27 inch, measured diagonal pure flat Picture Tube		- 0	'	Solder	This model uses lead free solder (PbF).	0					

- 1. PV-DF2035/ PV-DF2035-K/ PV-DF205
- 2. PV-DF2735/ PV-DF2735-K/ PV-DF275

Weight and dimensions shown are approximate. Designs and specifications are subject to change without notice.



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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 SAFETY PRECAUTIONS

1.1. GENERAL GUIDELINES

1. IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by \triangle in the Schematic Diagrams, Circuit Board Layout, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent X-RADIATION, shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

- 2. An Isolation Transformer should always be used during the servicing of Combination DVD VCR whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks. It will also protect Combination DVD VCR from being damaged by accidental shorting that may occur during servicing.
- 3. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 4. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shield, and isolation R-C combinations are properly installed.
- 5. Before turning the receiver on, measure the resistance between B+ line and chassis ground. Connect (-) side of an ohmmeter to the B+ lines, and (+) side to chassis ground. Each line should have more resistance than specified, as follows:

B+ Line Minimum Resistance 130 V 110 Ω (Cold chassis ground) 28 V 180 Ω (Cold chassis ground) 220 V 1 $k\Omega$ (Cold chassis ground)

- 6. When the TV set is not used for a long period of time, unplug the power cord from the AC outlet.
- 7. Potentials, as high as 33.0 kV (For model with 20 inch CRT), 33.0 kV (For model with 27 inch CRT) are present when this TV set is in operation. Operation of the TV set without the rear cover involves the danger of a shock hazard from the TV set power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the CRT ground of receiver before handling the tube.
- 8. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.2. LEAKAGE CURRENT COLD CHECK

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. For physically operated power switches, turn power on. Otherwise skip step 2.
- 3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screwheads, connectors, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1 M Ω and 12 M Ω . When the exposed metal does not have a return path to the chassis, the reading must be infinity.

1.3. LEAKAGE CURRENT HOT CHECK

- Plug the AC cord directly into the AC outlet.
 Do not use a isolation transformer for this check.
- 2. Connect a 1.5 k Ω , 10 W resistor, in parallel with a 0.15 μF capacitor, between each exposed metallic part on the set and a good earth ground, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1 k Ω /V or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.75 V RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks. Leakage current must not exceed 1/2 mA. In case a measurement is outside of the limits specified, there is a possibility of shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

Hot-Check Circuit

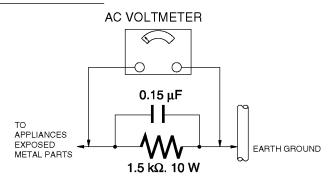


Figure 1

2 X-RADIATION

WARNING:

- The potential source of X-Radiation in TV sets is the High Voltage section and the picture tube.
- 2. When using a picture tube test fixture for service, ensure that the fixture is capable of handling 33.0 kV (For model with 20 inch CRT), 33.0 kV (For model with 27 inch CRT) without causing X-Radiation.

NOTE:

It is important to use an accurate periodically calibrated high voltage meter.

- 1. Reduce the brightness to minimum.
- 2. Set the SERVICE switch to SERVICE.
- Measure the High Voltage. The meter reading should indicate 28.0 kV±1.5 kV (For model with 20 inch CRT), 31.0 kV±2.0 kV (For model with 27 inch CRT).
 - If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
- To prevent an X-Radiation possibly, it is essential to use the specified picture tube.

2.1. HORIZONTAL OSCILLATOR DISABLE CIRCUIT TEST

SERVICE WARNING:

The test must be made as a final check before set is returned to the customer.

CONFIRMATION OF X-RAY MOVEMENT

- 1. Turn off TV set.
- Connect the circuit below between TP554 and TP553 on the Deflection C.B.A.

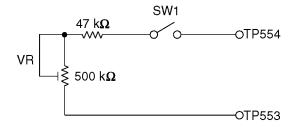


Figure 2

- 3. Turn on SW1 and then turn on the set. Confirm that the picture is on the screen properly.
- 4. Confirm that the picture goes out of horizontal sync while getting down by varying VR.
- 5. If this does not occur, it means that X-ray protect circuit is not operating. Further confirmation and repair is required.

2.2. REPAIR PROCEDURES OF HORIZONTAL OSCILLATOR DISABLE CIRCUIT

- Connect a DC voltmeter between capacitor C513 (+) on the Main circuit board and chassis ground.
- 2. If approximately +21.5 V (For model with 20 inch CRT), +20.0 V (For model with 27 inch CRT) is not present at that point when 120 V AC is applied, find the cause. Check R508, R503, R5504, R5505, D503, C513 and C5507.
- 3. Carefully check above specified parts and related circuits and parts. When the circuit is repaired, try the horizontal oscillator disable circuit test again.

2.3. CIRCUIT EXPLANATION

2.3.1. HORIZONTAL OSCILLATOR DISABLE CIRCUIT

The positive DC voltage, supplied from the D503 cathode for monitoring high voltage, is applied to the IC5301 Pin11 through R508, R503 and R5504. Under normal conditions, the voltage at IC5301 Pin 11 is less than approx. 6 V. If the high voltage at Flyback Transformer Pin 5 exceeds the specified voltage, the positive DC voltage which is supplied from the D503 cathode also increases. The increased voltage is applied to IC5301 Pin11 through R508, R503 and R5504. Due to the increased voltage at IC5301 Pin11, the horizontal oscillator frequency increases, the picture goes out of horizontal sync, the beam current decreases and the picture become dark in order to keep X-radiation under specification.

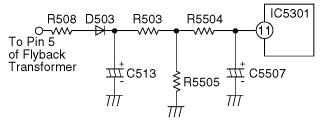


Figure 3

2.4. LASER PRODUCT

CLASS I LASER PRODUCT

 This equipment is certified to comply with DHHS Rules 21 CFR Chapter 1, Subchapter J in effect as of date of manufacture. (Only for U.S.A.)

This equipment is classified as a Class I (Class 1) level LASER Product and there is no hazardous LASER radiation with the safety protection.

Caution:

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Never touch the internal parts in order to avoid EXPOSURE TO VISIBLE LASER RADIATION.

Unplug the AC power cord to the equipment when opening the top cover.

When the power switch is On, do not place your eyes close to the front panel opening door or the other openings to look into the interior unit.

LASER Specification

Class I level A LASER Product (Class 1 level A LASER Product)

Wave Length: 640 - 677 nm (at DVD)

770 - 810 nm (at CD)

Laser Power: No hazardous radiation is emitted with

the safety protection.

2.5. PRECAUTION OF LASER DIODE

CAUTION:

This unit utilizes a class III a laser. Visible laser radiation is emitted from the optical pickup lens when the unit is turned on:

- 1. Do not look directly into the pickup lens.
- 2. Do not use optical instruments to look at the pickup lens.
- 3. Do not adjust the preset variable resistor on the optical pickup.
- 4. Do not disassemble the optical pickup unit.
- 5. If the optical pickup is replaced, use the manufactures specified replacement pickup only.
- Use of control or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

3 PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors are semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

- 1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION:

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

"NOTE to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

4 ABOUT LEAD FREE SOLDER (PbF)

Distinction of PbF PCB:

PCBs (manufactured) using lead free solder will have a PbF printing on the PCB. (Please refer to figures.)



Printed case

CAUTION:

- Pb free solder has a higher melting point than standard solder;
 Typically the melting point is 50 °F 70 °F (30 °C 40 °C) higher.
 Please use a soldering iron with temperature control and adjust it to 700 °F±20 °F (370 °C± 10 °C).
 In case of using high temperature soldering iron, please be carefull not to heat too long.
- Pb free solder will tend to splash when heated too high (about 1100 °F/600 °C).
- All products with the printed circuit board with PbF stamp or printing must be serviced with lead free solder.
 When soldering or unsoldering, completely remove all of the solder from the pins or solder area, and be sure to heat the soldering points with the lead free solder until it melts sufficiently.

Recommendations

Recommended lead free solder composition is Sn96.5 Ag3.0 Cu0.5.

5 SERVICE NOTES (PLEASE READ)

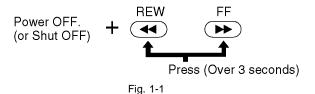
5.1. SERVICE NOTES

5.1.1. SELF-DIAGNOSIS INDICATION DISPLAY

Simplified Self-Diagnostic System facilitates finding the cause of the fault. The following data will be displayed on the TV screen.

The Error Code data is stored in the Memory IC (IC6004) (latest error only). This data is cleared after it is displayed, and then the POWER button is pressed back on.

 With power turned off, press FF and REW buttons on the unit together for over 3 seconds.



2.TV power comes on and the unit goes into service mode. The following codes will be displayed.

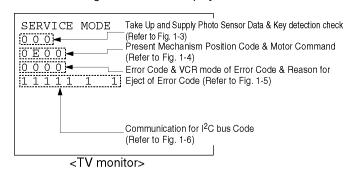


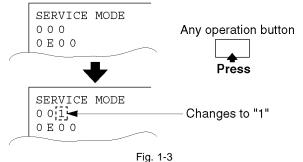
Fig. 1-2



Take Up and Supply Photo Sensor Data

Explanation of Codes			No.
Take Up and Supply Photo Sensor Data No light detected at either sensor. Take Up Photo Sensor detected at beginning of tape. Supply Photo Sensor detected at end of tape. Light detected at both sensors.	0 1 0 1	0 0 1 1	

Key detection check



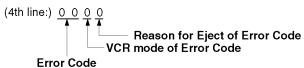
Note:

Press any operation button except for POWER or PLAY (DVD) on either the unit, or DVD key on the remote to detecet that a key has been pressed. The 3rd digit changes to "1" only when key is detected.



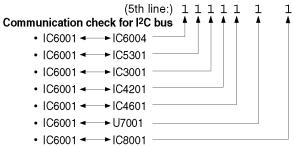
Explanation of Codes	С	od	de No		
Present Mechanism Position Code • EJECT • CASSETTE DOWN • CASSETTE DOWN • CASSETTE DOWN • REV • PLAY • CYLINDER STOP • STOP R • STOP F • FF/REW • Intermediate positions between each positions	00000000000	E23456789CF			
Explanation of Codes			de No		
Motor Command			0 1 2 3 8 9 A B		
Loading Motor OFF Loading Unloading Loading Motor Brake				0 1 2 3	

Fig. 1-4



Error Code						
	tion of Codes	С	ο.			
Error condition	Remedy/Check				_	
No Error CYL PFG pulse can not be detected when the Cylinder starts.	Please check the Cylinder motor, Cylinder drive circuit and CYL PFG signal circuit.	0	0			
CAP FG pulse can not be detected during the Mechanism Initial operation (Tape rewinding by the S- Reel) at DOWN position.	Please check the Capstan motor, Capstan drive circuit and CAP FG signal circuit	0	2			
Loading Lock during Loading operation at DOWN position.	Please check the Mechanism, Loading Motor, Drive circuit, Drive control signal circuit, Mode Select SW and the Mode Select SW input signal circuit.	0	3			
Loading Lock during Unloading operation at DOWN position.	Please check the Mechanism, Loading Motor, Loading Motor drive circuit, Loading motor drive control signal circuit, Mode Select SW and the Mode Select SW input signal circuit.	0	4			
S-reel pulse can not be detected during Unloading operation.	Please check the Mechanism S- reel system, S-reel sensor, S- reel sensor input signal circuit, Capstan motor, Capstan motor drive circuit, Capstan control signal circuit, and so on.	0	5			
Loading (cassette) Lock during Cassette Up operation.	Please check the Mechanism, Loading motor, Loading motor drive circuit, Loading motor drive control signal circuit, Mode Select SW and the Mode Select SW input signal circuit.	0	6			
Head clog detection. The position signal from Mode Select SW can not be detected.	Clean the Cylinder Head. Check Mode Select SW contact.	1	1 4			
CAP FG pulse can not be detected during Cassette in operation.	Please check the Capstan motor, Capstan motor drive circuit and the CAP FG signal circuit.	1	5			
Cylinder Lock	Please check the Cylinder motor, Cylinder motor drive circuit and the CYL HSW signal circuit.	1	6			
S-reel Lock.	Please check Mechanism S-reel system, S-reel sensor, S-reel sensor input signal circuit, Capstan motor, Capstan motor drive circuit, Capstan control signal circuit, and so on.	1	7			
T-reel Lock.	Please check Mechanism T-reel system, T-reel sensor, T-reel sensor input signal circuit, Capstan motor, Capstan motor drive circuit, Capstan control signal circuit, and so on.	1	8			
Eject operation due to error condition.	Please check the Cassette tape, S-photo sensor, S-reel and Capstan system.	8	0			
Disc Motor of DVD Mechanism Unit error	Please check the Disc Motor of DVD Mechanism Unit, and confirm the DVD Service Mode II.	9	0			
VCR mode of Err • STOP • EJECT • REW	or Code			0 1 2		
• FF • REV • CUE • SLOW • POWER OFF • PLAY • STILL				3456789		
• REC • REC PAUSE				A B		
Reason for Eject of No reason. Cassette tape is position.	off Error Code s off from S-Post at DOWN				0	
 Capstan motor 	k during Loading operation				2	
Both ends of tap position. No reason.	oe is detected at DOWN				4 C	

[PV-DF205 / PV-DF2035 / PV-DF275 / PV-DF2735 / PV-DF2035-K / PV-DF2735-K] (5th line:) 1 1 1 1 1 1



Explanation of Codes		(o	de	N	э.			
Communication check for I²C bus (IC6001 ≺→ IC6004) NG OK									
Communication check for I²C bus (IC6001 ≺→ IC5301) NG OK		0							
Communication check for I²C bus (IC6001 ≺→ IC3001) NG OK			0						
Communication check for I²C bus (IC6001 ∢→ IC4201) NG OK				0					
Communication check for I ² C bus (IC6001 ≺→ IC4601) NG OK					0				
Communication check for I²C bus (IC6001←► U7001) NG OK							0		
Communication check for I²C bus (IC6001◄➤ IC8001) NG OK									0

Fig. 1-6

5.1.2. USAGE SCREEN MODE

This function is displayed on the TV monitor:

- · the total AC plugged in AC socket (in days)
- · the total elapsed "Cylinder rotation" time (in hours)
- · the total elapsed "DVD play" time (in hours).
- 1. With power turned and no cassette, press STOP/EJECT button on VCR and 7 key on remote together.

The USAGE SCREEN will be displayed on the TV Monitor.

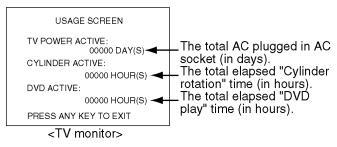


Fig. 2

Note:

- After replacing the Cylinder Unit, press COUNTER RESET button on remote in this mode. Only Total elapsed "Cylinder rotation" time (in days) will be cleared to 0.
- After replacing the DVD Unit, press ADD/DLT button on remote in this mode. Only Total elapsed time "DVD Play" time (in hours) will be cleared to 0.
- To release from Usage Screen Mode, press any operation button on VCR or insert a cassette tape in this mode. VCR will return to normal operation mode.

5.1.3. GROUNDING FOR ELECTROSTATIC BREAKDOWN

Prevention

1. Human body grounding

Use the antistatic wrist strap to discharge the static electricity from your body.

2. Work table grounding

Put a conductive material (sheet) or steel sheet on the area where the optical pickup is placed and ground the sheet.

Caution:

The static electricity of your clothes will not be grounded through the wrist strap. So take care not to let your clothes touch the optical pickup.

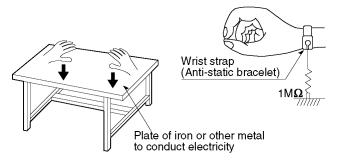
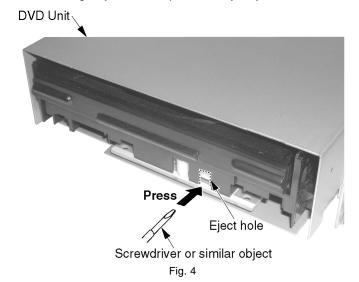


Fig. 3

5.1.4. METHOD FOR EJECTING THE DVD TRAY MANUALLY

- 1. Insert a Screwdriver or similar object into the Eject hole.
- 2. Press it gently, and then pull the Tray fully out.



10

5.1.5. DVD SERVICE MODE

This unit has a Self-Diagnostic function which detects a problem or malfunction within the unit and displays on the TV screen.

5.1.5.1. How to enter DVD Service Mode

- 1. Set the unit to DVD mode.
- Press and hold STOP/EJECT, PLAY, and VOL buttons of VCR operation panel of the unit together for over 5 seconds with no cassette inserted. The adjustment overlay will appear on the TV screen.

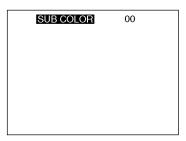


Fig. 5-1

Press DISPLAY key on the remote control to enter the DVD Service Mode I.

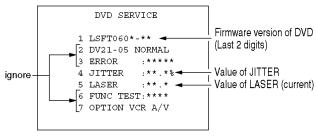


Fig. 5-2

Press the LEFT or RIGHT key on the remote again to enter DVD Service Mode II.

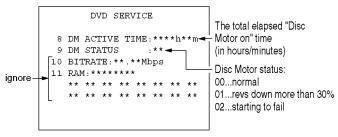


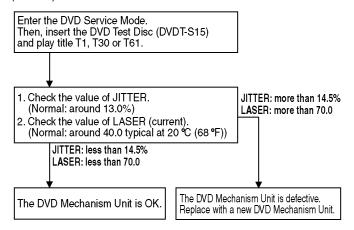
Fig. 5-3

Note:

- a. After replacing the DVD Unit, press the CLEAR key on the remote in this mode. The total elapsed "Disc Motor on" time (in hours/minutes) will be cleared to 0.
- b. If 01 or 02 is always displayed in 9 DM STATUS, replace the DVD Unit because the Disc Motor is defective.
- 5. To confirm the value of JITTER and the value of LASER (current), insert the DVD Test Disc into the DVD Unit.
- 6. To release from this mode, turn off the power.

5.1.5.2. Troubleshooting hint (standard) for this mode

It can be determine if the DVD Mechanism Unit is defective by checking the value of JITTER and the value of LASER (current).



5.1.6. SERVICE POSITION

Service Position	Purpose
Service Position (1)	Main C.B.A. check
Service Position (2)	DVD Main C.B.A. check Mechanism check Mechanical adjustment Electrical adjustment
Service Position (3)	Main C.B.A. check Deflection C.B.A. check

CAUTION:

 HOT CIRCUIT (Primary circuit) exists on the Main C.B.A.

Use extreme care to prevent accidental shock when servicing.

2. Before connecting the AC plug, be sure to confirm the connection between the Connector P502 on the Deflection C.B.A. and P851/P852 on the Main C.B.A. Otherwise, some electrical parts may be damaged due to a sudden power surge.

Note:

When carrying out loading of the cassette tape, if light is strong, a tape may not carry out loading. Please shade a Mechanism top or weaken lighting.

5.1.6.1. How to obtain Service Position for Combination DVD VCR models

To obtain these Service Positions, the 2 Extension Cables 13P (LSUA0047) and 16P (LSUA0048) are necessary.

5.1.6.1.1. Service Position (1)

 Remove the Rear Cover. Then, pull the VCR/DVD Ass'y out and place it upright.



Fig. 6-1

5.1.6.1.2. Service Position (2)

 Remove the Rear Cover. Then, turn the VCR/DVD Ass'y to the right. Connect the DVD Main C.B.A. using the Extension Cable 16P.

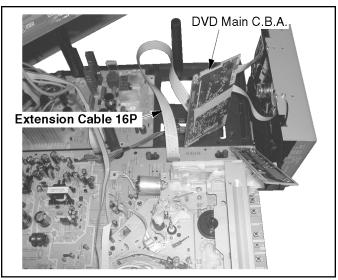


Fig. 6-2

5.1.6.1.3. Service Position (3)

- Remove the Rear Cover. Then, pull out the VCR/DVD Ass'y.
- 2. Place the Deflection C.B.A. and the Main C.B.A. upright. Then, connect them using the Extension Cable 13P.

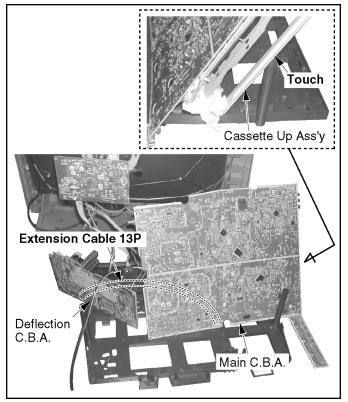
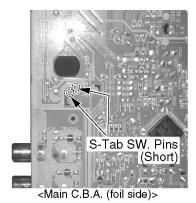


Fig. 6-3

Note:

It is possible that the S-Tab SW. may not work correctly in Service Positions (3). (Recording can not be done). In this case, short the S-Tab SW. Pins on the foil side of Main C.B.A. to turn this SW. on.



Alternative method: Cover the S-Tab SW. with masking tape.

5.1.7. HOT CIRCUIT

Primary circuit exists on the Main C.B.A.

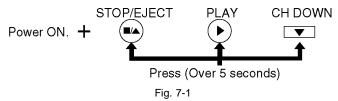
This circuit is identified as " **HOT** " on the C.B.A. and in the Service Manual. Use extreme care to prevent accidental shock when servicing.

5.1.8. SERVICE MODE

In order to inhibit detection of the Supply & Takeup Photo Transistors, Reel Sensor, and Cylinder Lock can be inhibited. In this mode, Mechanism movement can be confirmed. When removing Cassette Up Ass´y, it can be confirmed without a cassette.

To enter Service Mode:

Press and hold STOP/EJECT, PLAY and CH DOWN buttons on the unit together over 5 seconds in power on condition. The unit goes into Service Mode.

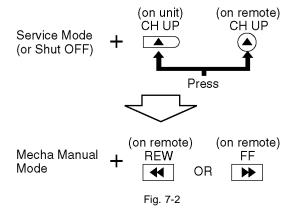


To release from this mode, disconnect AC Plug.

5.1.9. MECHA MANUAL MODE

In shut off condition or in Service Mode, press the CH UP on the unit and CH UP buttons on the remote together without a cassette.

In this mode, Loading or Unloading operation can be confirmed by pressing the REW/SLOW or FF/SLOW button on the remote.



To release from this mode, disconnect AC Plug.

Note:

When Loading with no cassette tape, push the portion (A)on Cassette Holder Unit so that the Sefety Lever clear the 2 Tabs as show in below.

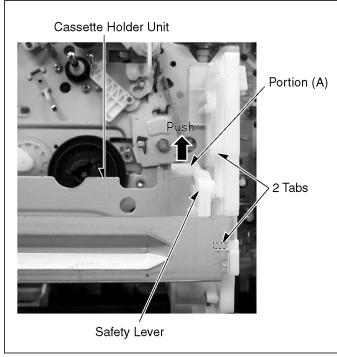


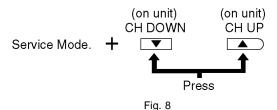
Fig. 7-3

5.1.10. TRACKING CENTER MODE (TRACKING FIX AT CENTER)

Insert the Cassette tape. Set the unit into Service Mode.

Press CH UP on the unit and CH DOWN buttons on the remote together in play back mode.

In this mode, the tracking is fixed at center. (Auto tracking and manual tracking functions are not operational.)



5.1.11. DEFEATING THE AUTO TRACKING

To defeat the Auto Tracking Function, place the instrument in the STOP mode and place a jumper between TP6003 and TP6009 on the Main C.B.A. The tracking will be placed in the neutral position.

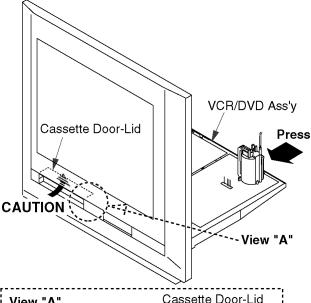
5.1.12. CAUTION FOR INSTALLATION OF VCR/DVD ASS'Y

CAUTION:

Opener Lever may be damaged when VCR/DVD Ass'y is installed, with Cassette Door-Lid and Opener Lever of Cassette Up Ass'y set incorrectly.

Install the VCR/DVD Ass'y as follows:

- 1. Swing the Cassette Door-Lid all the way open until the Cassette Door tab clears the Opener Lever.
- Make sure that all guide tabs are aligned properly. Then, press the VCR/DVD Ass'y straight in.



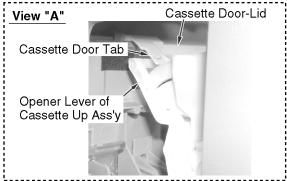


Fig. 9

5.1.13. F.F.C. CONNECTION NOTE

5.1.13.1. F.F.C. between the Mechanism and the Main C.B.A.

Be careful with the direction of F.F.C.s to connectors as shown.

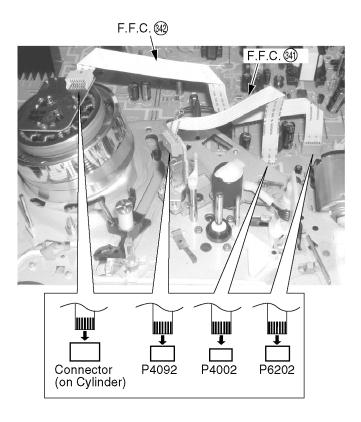


Fig. 10

5.1.13.2. F.F.C. between the DVD Unit (DVD Main C.B.A.) and the Main C.B.A.

Be careful with the direction of F.F.C. to connector as shown.

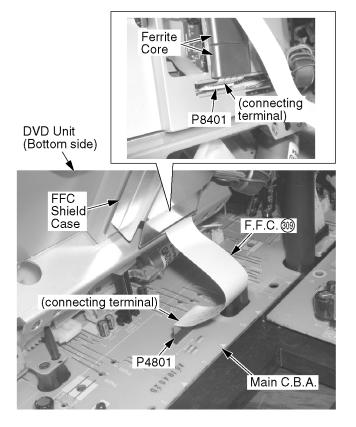


Fig. 11

5.1.14. WIRE AND LEAD POSITION DIAGRAM

After servicing, make sure that all wires, leads, and clampers are placed in their original position. It is important for the best operation of the unit.

Note:

No lead wires or flat cables should touch any heating parts or the Heat Sink Plate. Use extreme care especially for followings.

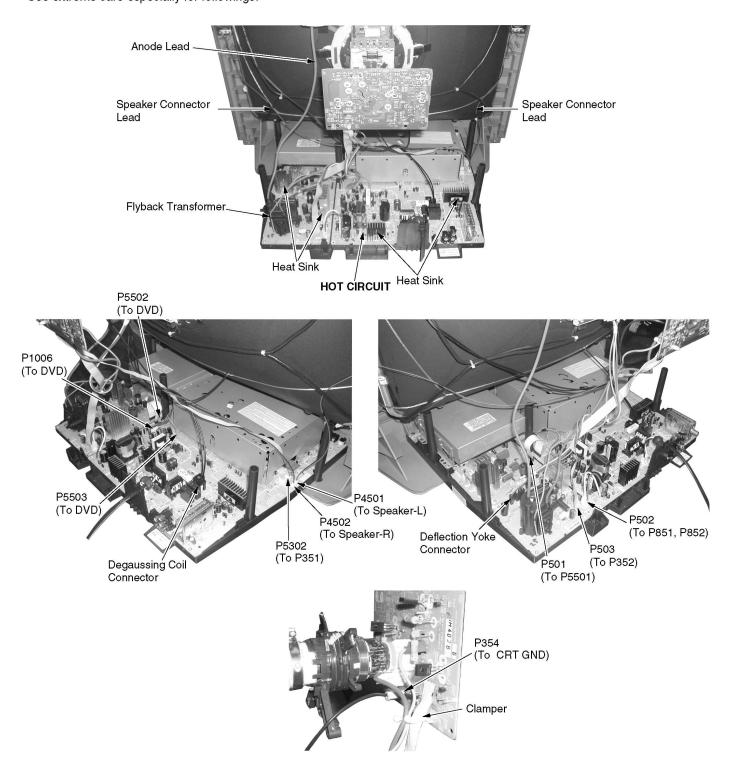


Fig. 12

5.1.15. HOW TO SET TRACKING TO THE NEUTRAL POSITION

Ejecting the cassette tape and then reinserting it will reset the tracking to the Neutral position.

5.1.16. BLACK SCREWS ON THE CHASSIS

Black Screws are used on the Mechanism Chassis to identify screws that require adjustment.

5.1.17. HOW TO RESET ALL COMBINATION DVD VCR MEMORY FUNCTIONS

To reset (clear) the select language, channel auto set and set clock functions to their initial power on condition (power on, no cassette inserted), hold down the PLAY and FF buttons of VCR operation panel on the unit together for more than 5 seconds. Power will shut off.

5.1.18. HOW TO CONFIRM AUTO CLOCK SET FEATURE

- Connect an RF cable from the output of one unit to the input of the test unit.
- 2. Select corresponding RF channels.
- Playback a recording of P.B.S. channel including clock set data and confirm this feature.

5.1.19. VARIABLE VOLTAGE ISOLATION TRANSFORMER

An Isolation Transformer should always be used during the servicing of Combination DVD VCR whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks. It will also protect Combination DVD VCR from being damaged by accidental shorting that may occur during servicing.

Also, when troubleshooting the above type of Power Supply Circuit, a variable isolation transformer is required in order to increase the input voltage slowly.

5.1.20. SPECIAL NOTE

All integrated circuits and many other semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "ELECTROSTATICALLY SENSITIVE (ES) DEVICES" section of this service manual.

5.1.21. MODEL NO. IDENTIFICATION MARK

Use Marks shown in the chart below to distinguish the different models included in this Service Manual.

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	Е
PV-DF275	F
Not Used	PT

Note:

Refer to Item 3 of Schematic Diagram Notes of Schematic Diagram and Circuit Board Layout Notes, for mark "PT."

6 DISASSEMBLY/ASSEMBLY PROCEDURES

6.1. CABINET SECTION

6.1.1. Disassembly Flowchart

Perform all disassembly procedures in the order described in the "Disassembly Flowchart" shown below.

When reassembling, use the reverse procedure.

CAUTION:

- 1. Disconnect AC plug before disassembly.
- 2. Before connecting the AC plug, be sure to confirm the connection between the Connector P502 on the Deflection C.B.A. and P851/P852 on the Main C.B.A. Otherwise, some electrical parts may be damaged due to a sudden power surge.

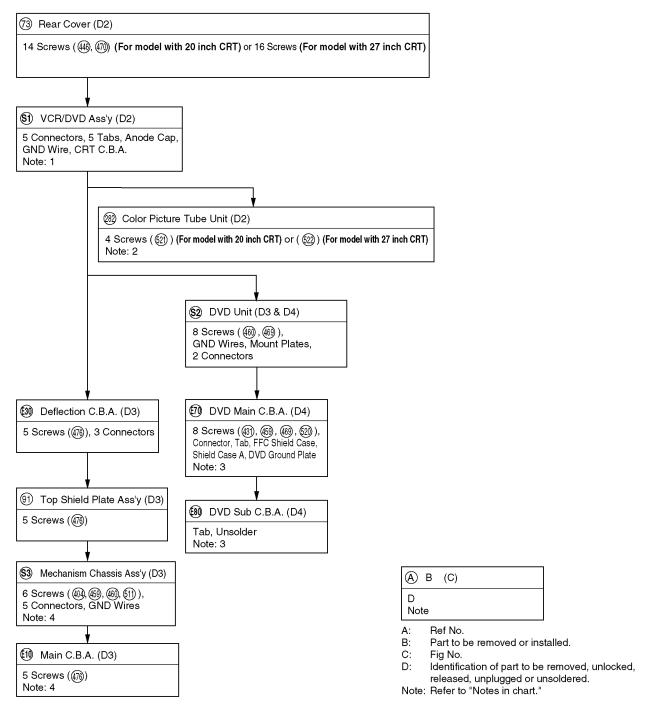


Fig. D1

Note: Parts with no Ref. No. in "EXPLODED VIEWS" are not supplied.

And some Ref. No. will be skipped. Be sure to make your orders of replacement parts according to the parts list.

IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED BY THE SIGN A HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

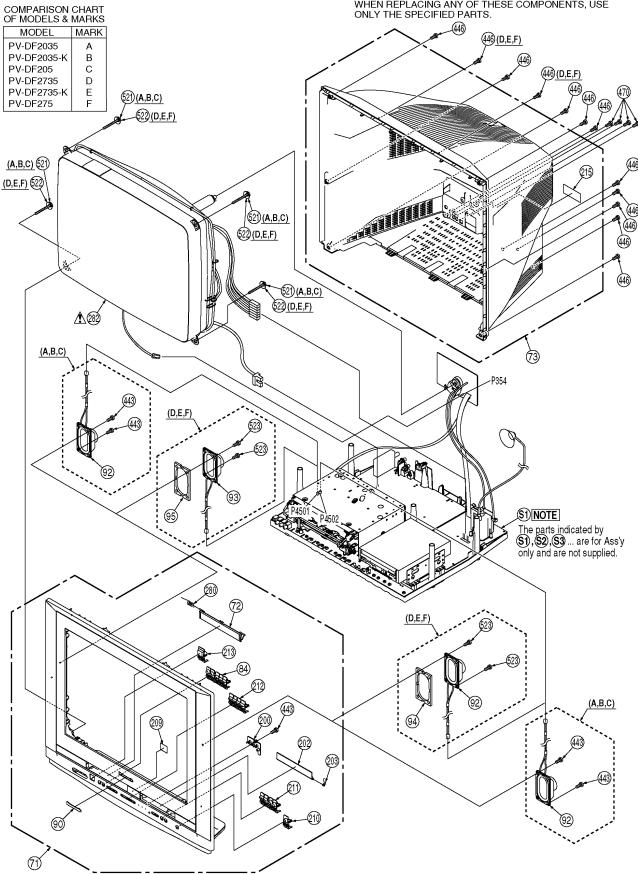


Fig. D2

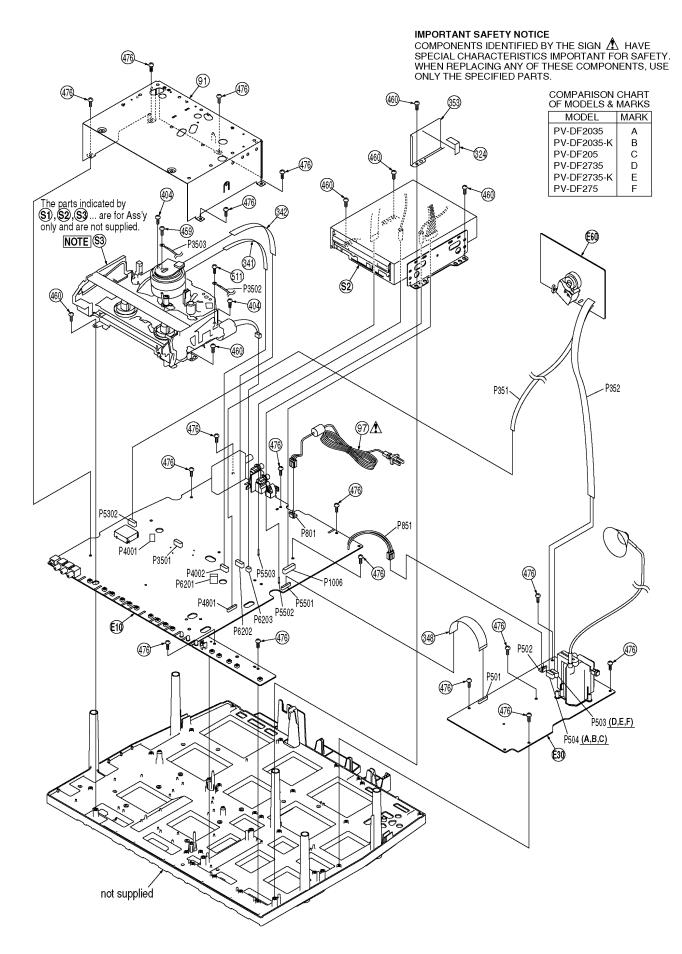
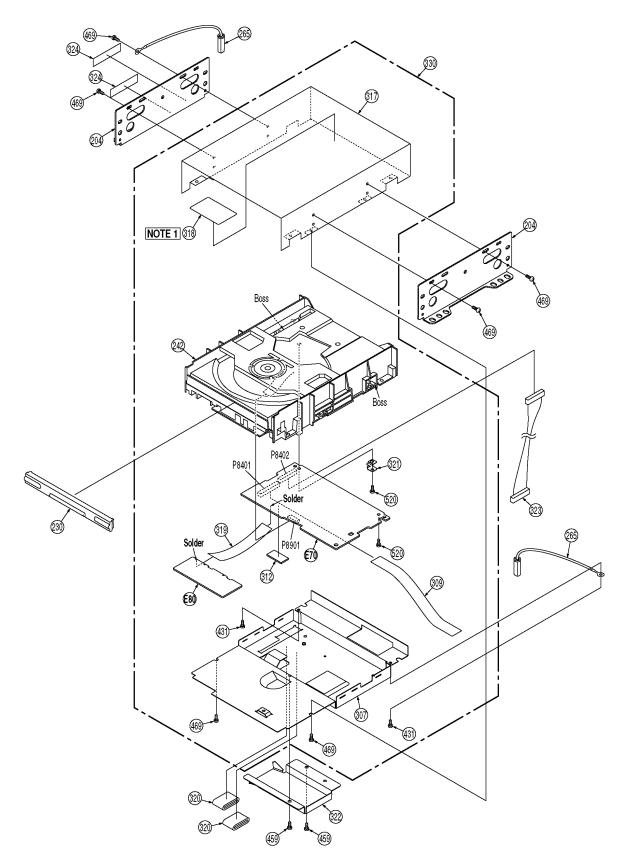


Fig. D3



NOTE 1: When replacing the DVD Frame (Ref. No. 317), be sure to place the Rating Label (Ref. No. 318) on it.

Fig. D4

6.1.1.1. Notes in chart

1. Removal of VCR/DVD Ass'y

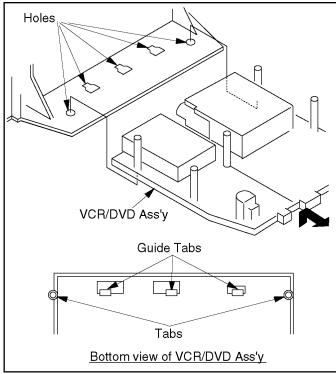


Fig. D5

Installation of VCR/DVD Ass'y

CAUTION:

Opener Lever may be damaged when VCR/DVD Ass'y is installed, with Cassette Door-Lid and Opener Lever of Cassette Up Ass'y set incorrectly.

- a. When installing the VCR/DVD Ass'y, swing the Cassette Door-Lid all the way open until the Cassette Door tab clears the Opener Lever.
- b. Make sure that all guide tabs are aligned properly.

Then, press the VCR/DVD Ass'y straight in.

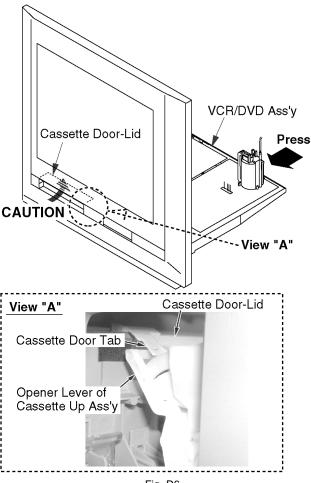


Fig. D6

2. Removal of Color Picture Tube Unit

Place the Unit face down on a soft cloth before removing the Color Picture Tube Unit.

3. Removal of DVD Sub C.B.A.

- a. Remove solder portions "a, b, c, d, e, f, g, h, i, j" on the DVD Sub C.B.A.
- b. Remove the DVD Sub C.B.A. while releasing the Locking Tab.

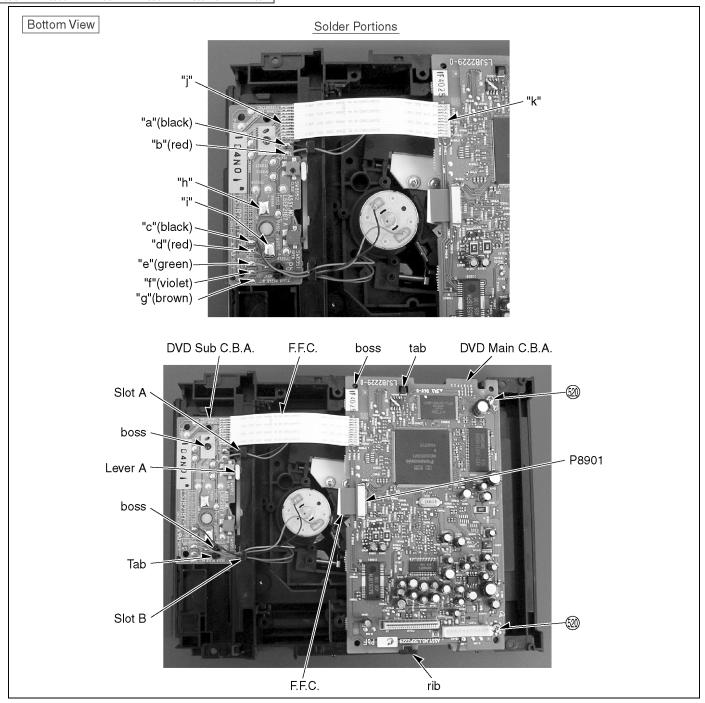
Installation of DVD Main C.B.A. and DVD Sub C.B.A.

- a. Confirm that the Lever A is positioned as shown, and install the DVD Sub C.B.A. with the Locking Tab and 2 bosses.
- b. Install the DVD Main C.B.A. with the Locking Tab and the rib.
- c. Pass the leads through the slots A and B.
- d. Solder portions "a, b, c, d, e, f, g, h, i, j, k" on the C.B.A.

Note:

Solder portions "h" and "i" while pushing down the DVD Sub C.B.A. securely.

- e. Connect the F.F.C.s to Connectors P8901 on the DVD Main C.B.A.
- f. Tighten the 2 Screws (520).



4. Installation of Mechanism Chassis and Cassette Up Ass'y onto Main C.B.A.

a. Make sure the Mode Select SW. on the Main C.B.A. is in EJECT position. If not, rotate the Mode Select SW. until the alignment projection is in the EJECT Position.

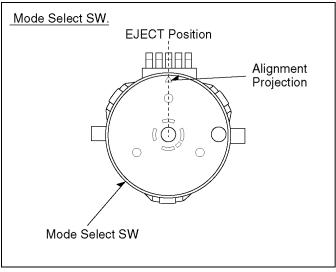


Fig. D8

b. Make sure the phase hole of the Main Cam Gear on the bottom side of the Mechanism Unit is in EJECT Position.

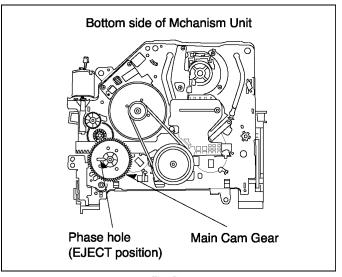


Fig. D9

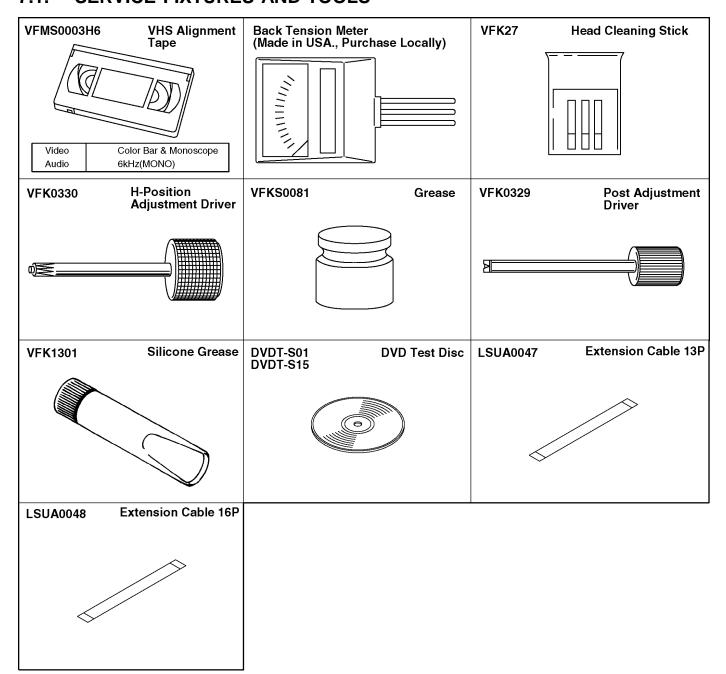
c. Install the Mechanism Chassis straight onto the Main C.B.A. so that the Sensor LED clears the hole in the Mechanism Chassis and that 2 Connectors (P6201 and P4001) are aligned and seated securely.

6.2. MECHANISM SECTION

Refer to the Service Manual for R4-Mechanism Chassis. (Order No. MKE0401000C1)

7 ADJUSTMENT PROCEDURES

7.1. SERVICE FIXTURES AND TOOLS



7.2. MECHANICAL ADJUSTMENT

Refer to the Service Manual for R4-Mechanism Chassis. (Order No. MKE0401000C1)

7.3. ELECTRICAL ADJUSTMENT

Note:

Following Adjustments have been preadjusted at factory and are not required.

- · Purity Adjustment
- · Convergence Adjustment

7.3.1. TEST EQUIPMENT

To do all of these electrical adjustments, the following equipment is required.

1. Dual-Trace Oscilloscope

Voltage Range: 0.001 V to 50 V/Div. Frequency Range: DC to 50 MHz

Probes: 10:1, 1:1

2. NTSC Video Pattern Generator

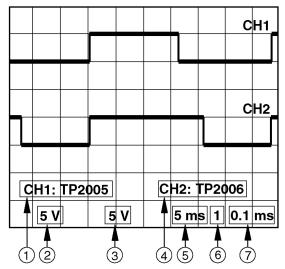
3. Isolation Transformer (Variable)

4. VHS Alignment Tape (VFMS0003H6)

5. Degaussing Coil

6. White Pattern Generator

7.3.2. HOW TO READ THE ADJUSTMENT PROCEDURES



- 1. Connecting Point
- 3. Volts/DIV
- 5. Time/DIV
- 7. Time/DIV for Delay
- 2. Volts/DIV
- 4. Connecting Point
- 6. Trigger Channel of the Scope

1 : CH1

2: CH2

Fig. E1

7.3.3. EVR (Electronic Variable Register) ADJUSTMENT WITH THE REMOTE CONTROL

This unit has electronic technology using I²C Bus concept.

The following control functions are adjusted by using "On Screen Displays" and the remote control instead of adjusting mechanical controls (VR).

	※ 1		
Control functions	Address	Range	Default
SUB COLOR	00	C0 - FF, 00 - 3F	00
SUB TINT	01	E0 - FF, 00 - 1F	00
SUB BRIGHT	02	C0 - FF, 00 - 3F	F0
CONTRAST	03	C1 - FF, 00	00
SUB SHARPNESS	04	E0 - FF, 00 - 1F	EC
R CUT -OFF	05	00 - 7F	1E
G CUT -OFF	06	00 - FD	3C
B CUT -OFF	07	00 - FD	3C
G DRIVE	08	00 - 7F	40
B DRIVE	09	00 - 7F	40
SUB CONTRAST	0 A	00 - 0F	06
H-CENTER	0B	00 - 0F	08
V SIZE	0D	00 - 7F	40
V POSITION	0E	00 - 1F	02
VV COLOR	12	C0 - FF, 00 - 3F	F9
VV TINT	13	E0 - FF, 00 - 1F	02
VV SHARPNESS	14	E0 - FF, 00 - 1F	F6
PG SHIFTER	15	00 - FD	80
US/CANADA	18	00 - 01	00/01

Bold-faced letters - Control functions which need to be adjusted. Note:

1 Address is not displayed on the TV screen. Other Addresses except above are not used.

7.3.4. EVR ADJUSTMENT ITEM

The following Items need to be adjusted for EVR adjustment.

- · SUB CONTRAST ADJUSTMENT
- · FOCUS, SCREEN, CUT OFF, DRIVE ADJUSTMENT
- · SUB COLOR/SUB TINT ADJUSTMENT
- DEFLECTION DISTORTION CORRECTION ADJUSTMENT
- · WHITE BALANCE ADJUSTMENT
- · SUB BRIGHTNESS ADJUSTMENT

7.3.5. HOW TO ENTER EVR ADJUSTMENT MODE

Press and hold STOP/EJECT, PLAY and VOL- buttons of VCR operation panel on the unit together over 5 seconds with no cassette inserted.

The adjustment overlay will appear to Enter EVR adjustment mode.

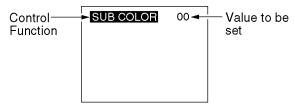


Fig. E2-1

7.3.5.1. How to adjust:

 Press UP/DOWN ▲ ▼ key on the remote control to select control function to be adjusted.

Important Note:

Make a note of the original value of the controls before modifying in case the wrong control is adjusted.

2. Press RIGHT/LEFT ◀ ▶ key on the remote control so that the shaded area moves to the value.

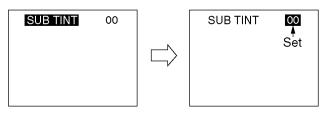


Fig. E2-2

3. Press UP/DOWN ▲ ▼ key on the remote control to adjust the value of the selected control.

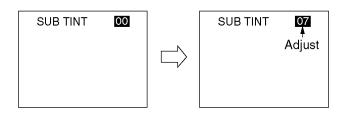


Fig. E2-3

Note:

You can select a desired channel by using the numbered keys on the remote control in EVR adjustment mode.

4. Press RIGHT/LEFT ■ ▶ key on the remote control so that the shaded area moves to the control function.

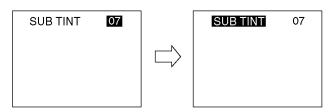


Fig. E2-4

5. Press UP/DOWN ▲ ▼ key on the remote control to select a control function for the next adjustment if necessary.

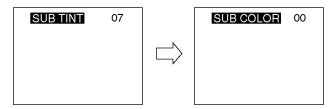


Fig. E2-5

7.3.5.2. How to release from EVR Adjustment Mode:

Press and hold STOP/EJECT, PLAY and VOL- buttons of VCR operation panel on the unit together over 5 seconds again or press the POWER button OFF to release EVR adjustment mode. The adjusted value will be written to Memory IC (IC6004).

7.3.6. HOW TO ENTER SERVICE MODE

- 1. Set the unit to TV Mode.
- 2. Enter EVR adjustment mode.
- Press DISPLAY key on the remote control for collapse scan.

Note:

Before pressing DISPLAY key on the remote control for collapse scan, select the desired control function and move the shaded area to the value for adjustments you will proceed.

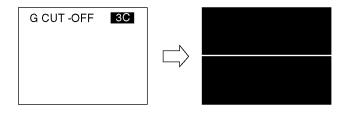


Fig. E2-6

7.3.6.1. How to release from Service Mode:

Press DISPLAY key again on the remote control.

7.3.7. SUB CONTRAST ADJUSTMENT

Purpose: To set the optimum sub contrast level.

Symptom of The picture is too dark or too light.

Misadjustment:

Test Point: TP49 (CRT C.B.A.)

Adjustment: SUB CONTRAST (EVR),

Specification: Refer to descriptions below.

Input: Video Input Jack,

Crosshatch Pattern Signal 1 V[p-p] (75 Ω

terminated)

Mode: STOP

Equipment: Oscilloscope,

NTSC Video Pattern Generator

- 1. Supply a Crosshatch Pattern Signal to the Video Input Jack.
- Connect the Oscilloscope to TP49 on the CRT C.B.A. (Use TP47 for GND.)
- 3. Select SUB BRIGHT in EVR adjustment mode. Then, after making a note of the original value, adjust to the (C0).
- 4. Select SUB CONTRAST in EVR adjustment mode and adjust so that the level A is (3.0 V[p-p]±0.1 V[p-p]: For model with 20 inch CRT), or (3.15 V[p-p]±0.1 V[p-p]: For model with 27 inch CRT).
- Select SUB BRIGHT in EVR adjustment mode and reset to the original value.

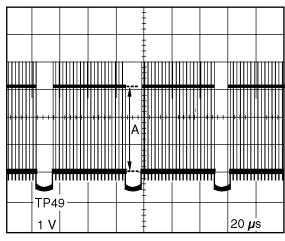


Fig. E3

7.3.8. FOCUS, SCREEN, CUT OFF, DRIVE ADJUSTMENT

Purpose: To set the optimum Screen.

Symptom of The picture is will be an improper screen

Misadjustment: color mix.

Test Point : TP50 (CRT C.B.A.)
Adjustment : FOCUS CONTROL

(Flyback Transformer),

SCREEN CONTROL (Flyback

Transformer),

SUB BRIGHT (EVR),
G DRIVE (EVR),
B DRIVE (EVR),
R CUT-OFF (EVR),

G CUT-OFF (EVR), B CUT-OFF (EVR)

Specification: Refer to descriptions below.

Input: Video Input Jack,

Crosshatch Pattern Signal, Monoscope Pattern Signal

Mode: STOP

Equipment: Oscilloscope,

NTSC Video Pattern Generator

- 1. Supply a Crosshatch Pattern Signal to the Video Input Jack.
- Adjust the FOCUS CONTROL on the Flyback Transformer so that the "a" and "b" are the sharpest.

Horizontal Center Line

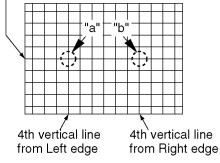


Fig. E4-1

- 3. Supply a Monoscope Pattern Signal to the Video Input Jack.
- 4. Connect the Oscilloscope to TP50 on the CRT C.B.A. (Use TP47 for GND.)
- 5. Select SUB BRIGHT and move the shaded area to the value in EVR adjustment mode.
- Turn the SCREEN CONTROL on the Flyback Transformer fully counterclockwise.
- 7. Press DISPLAY key on the remote control for collapse scan. (Refer to "HOW TO ENTER SERVICE MODE.")
- Adjust SUB BRIGHT in EVR adjustment mode so that the level A is (170 VDC±5 VDC: For model with 20 inch CRT), or (185 VDC±5 VDC: For model with 27 inch CRT).

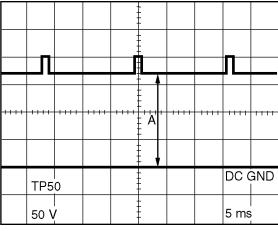


Fig. E4-2

- Turn the SCREEN CONTROL on the Flyback Transformer clockwise carefully and stop at the point where any color is first observed.
- 10. In EVR adjustment mode, select the two colors not observed in step 8 from the following control functions (R CUT-OFF, G CUT-OFF, B CUT-OFF) and adjust so that the horizontal line becomes white.

For example, if the horizontal line appeared red in step 8, select and adjust the B CUT-OFF and G CUT-OFF. (See NOTE)

- 11. Press DISPLAY key on the remote control again to return for full frame scan.
- 12. Select SUB BRIGHT in EVR adjustment mode and adjust so that the picture has adequate brightness.
- 13. Select G DRIVE and B DRIVE in EVR adjustment mode and adjust so that the entire screen is white.

Note:

Before pressing DISPLAY key on the remote control for collapse scan, select the desired control function and move the shaded area to the value.

7.3.9. SUB COLOR/SUB TINT ADJUSTMENT

Purpose: To set the standard color phase. Symptom of Color phase will be shifted.

Symptom of Misadjustment:

Test Point : TP49 (CRT C.B.A.)
Adjustment : SUB COLOR (EVR),

SUB TINT (EVR),

Specification: Refer to descriptions below.

Input: Video Input Jack,

Rainbow Color Bar

Mode: STOP

Equipment: Oscilloscope,

NTSC Video Pattern Generator

- 1. Supply the Rainbow Color Bar signal to Video Input Jack.
- 2. Connect the Oscilloscope to TP49 on the CRT C.B.A.
- 3. Select SUB BRIGHT in EVR adjustment mode. Then, after making a note of original value, adjust to the (C0).
- 4. Select SUB TINT in EVR adjustment mode and adjust so that level A and B should be equal in amplitude.

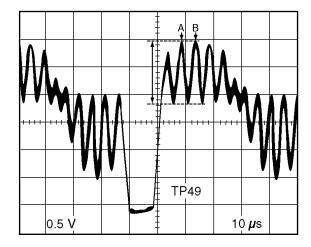


Fig. E5-1

5. Select SUB COLOR in EVR adjustment mode and adjust which higher level that level C is 1.40 V[p-p]±0.15 V[p-p].

C TP49

Fig. E5-2

Select SUB TINT in EVR adjustment mode and increase level B 1 clicks above the same level.

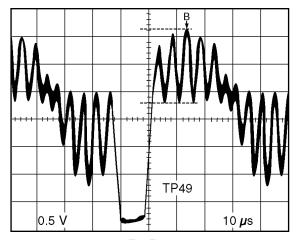


Fig. E5-3

7. Select SUB BRIGHT in EVR adjustment mode and reset to the original value.

7.3.10. DEFLECTION DISTORTION CORRECTION ADJUSTMENT

Purpose: To set the optimum picture. Symptom of The picture is distortion.

Misadjustment:

Test Point : -----

Adjustment: V POSITION (EVR),

V SIZE (EVR), H-CENTER (EVR),

(For model with 27 inch CRT) R763 (Deflection C.B.A.), R753 (Deflection C.B.A.), R766 (Deflection C.B.A.)

Specification: Refer to descriptions below.

Input: Video Input Jack,

Crosshatch Pattern Signal, Monoscope Pattern Signal

Mode: STOP

Equipment: NTSC Video Pattern Generator

- 1. Supply a Crosshatch Pattern Signal to the Video Input Jack.
- 2. Confirm that the Horizontal Center Line is within the limits of ${\sf A}.$

Yoke Alignment Slit

Horizontal Center Line

Vertical line at Left edge at Right edge

Fig. E6-1

3. (For model with 27 inch CRT)

Adjust R763 so that vertical lines should be almost straight.

4. (For model with 27 inch CRT)

Adjust R753 so that vertical lines at Left edge and Right edge should be almost straight.

- 5. Supply a Monoscope Pattern Signal to the Video Input Jack.
- 6. Select V POSITION in EVR adjustment mode and adjust Horizontal Center Line is within the limits of A.

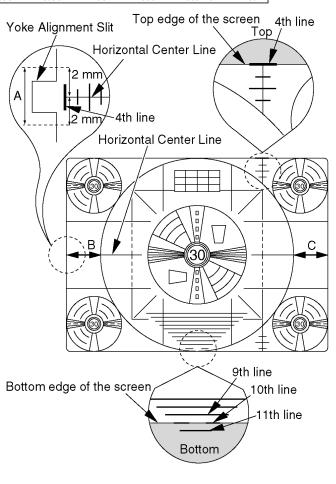


Fig. E6-2

- 7. Select V SIZE in EVR adjustment mode and adjust so that the top 4th line is just in view, and that the Bottom edge is between the 9th line and the 11th line.
- 8. Select H-CENTER in EVR adjustment menu and adjust so that B is approximately equal to width C.
- 9. (For model with 27 inch CRT)

Adjust R766 so that the left 4th line is just in view.

10. Supply a Crosshatch Pattern Signal to the Video Input Jack. Then, confirm that the picture is no distortion.

7.3.11. WHITE BALANCE ADJUSTMENT

Purpose: To set the standard white level for each

color temperature.

Symptom of White becomes bluish or reddish.

Misadjustment:

Test Point : TP50 (CRT C.B.A)
Adjustment : FOCUS CONTROL

(Flyback Transformer),

SCREEN CONTROL (Flyback

Transformer),

SUB BRIGHT (EVR),
G DRIVE (EVR),
B DRIVE (EVR),
R CUT-OFF (EVR),
G CUT-OFF (EVR),
B CUT-OFF (EVR)

Specification: Refer to descriptions below.

Input: Video Input Jack,

Monoscope Pattern Signal,

White Pattern Signal

Mode: STOP

Equipment: NTSC Video Pattern Generator,

White Pattern Generator,

Oscilloscope

- 1. Supply a Monoscope Pattern Signal to the Video Input Jack.
- 2. Connect the Oscilloscope to TP50 on the CRT C.B.A. (Use TP47 for GND.)
- 3. Select SUB BRIGHT and move the shaded area to the value in EVR adjustment mode.
- 4. Adjust the FOCUS CONTROL on the Flyback Transformer so that the "a" and "b" are the sharpest.

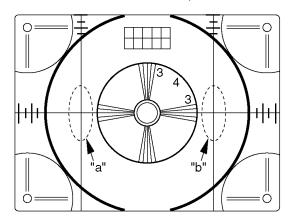


Fig. E7-1

- Turn the SCREEN CONTROL on Flyback Transformer fully counterclockwise.
- Press DISPLAY key on the remote control for collapse scan. (Refer to "HOW TO ENTER SERVICE MODE.")
- 7. Adjust SUB BRIGHT in EVR adjustment mode so that the

level A is 175 VDC±5 VDC.

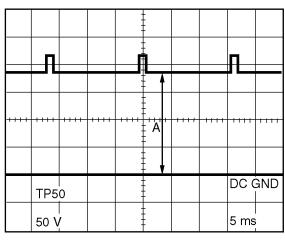


Fig. E7-2

- Turn the SCREEN CONTROL on the Flyback Transformer clockwise carefully and stop at the point where red or blue is first observed.
- 9. In EVR adjustment mode, select the two colors not observed in step 8 from the following control functions (R CUT-OFF, G CUT-OFF, B CUT-OFF) and adjust so that the horizontal line becomes white.

For example, if the horizontal line appeared red in step 8, select and adjust the B CUT-OFF and G CUT-OFF (See Note).

- 10. Supply a White Pattern Signal to the Video Input Jack.
- 11. Press DISPLAY key on the remote control again to return for full frame scan.
- 12. Select G DRIVE and B DRIVE in EVR adjustment mode and adjust so that the entire screen is white.
- 13. Confirm that the screen is tracking the White Pattern properly. If NG, repeat the above steps 8, 9 and 12 until the screen is properly tracking the White Pattern.
- Select SUB BRIGHT in EVR adjustment mode and adjust correctly.

Note:

Before pressing DISPLAY key on the remote control for collapse scan, select the desired control function and move the shaded area to the value.

7.3.12. SUB BRIGHTNESS ADJUSTMENT

Note:

Perform this adjustment in a darkened room.

Purpose: To set the optimum brightness level.

Symptom of The picture is too white or too black.

Misadjustment:

Test Point : -----

Adjustment: SUB BRIGHT (EVR),

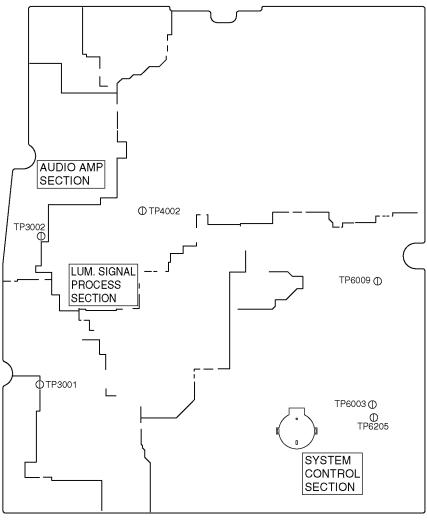
Specification: Refer to descriptions below.

Input: -----Mode: STOP

- 1. Do not input any signal to the unit.
- Set INPUT SELECT item to LINE in SET UP TV menu to display black screen.
- 3. Select SUB BRIGHT in EVR adjustment mode, and adjust so that the black screen starts to turn gray (lighting only).

7.4. TEST POINTS AND CONTROL LOCATION

Main C.B.A.

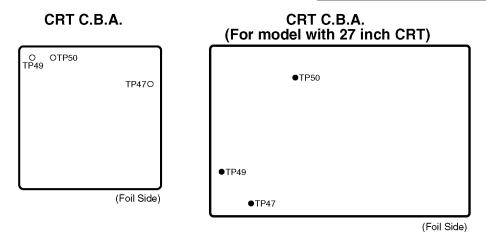


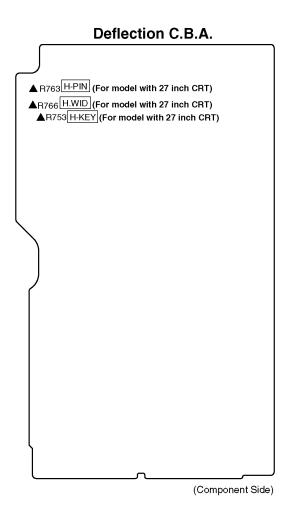
(Component Side)

	FUNCTION OF IMPORTANT TEST POINTS					
TP3001	Video Signal					
TP3002	REC/PB Video envelope signal					
TP4002	Normal Audio signal					
TP6003	Defeat Auto tracking function (connect to +5V(TP6009))					
TP6009	+5V					
TP6205	Head SW.					

Test Point Information

- Test Point with a Test Pin.
- ① Test Point with a jumper wire across a hole in the P.C.B.
- O Test Point with no Test Pin.





PV-DF205 / PV-DF2035 / PV-DF275 / PV-DF2735 / PV-DF2035-K / PV-DF2735-K

8 SCHEMATIC DIAGRAMS

8.1. SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES

Important safety notice
 Components identified by the sign have special
 characteristics important for safety. When replacing any
 of these components. Use only the specified parts.

2. Do not use the part number shown on this drawing for

ordering.

The correct part number and part value is shown in the parts list, and may be slightly different or amended since this drawing was prepared.

 Use only original replacement parts:
 To maintain original function and reliability of repaired units, use only original replacement parts which are listed with their part numbers in the parts list section of the service manual.

Parts different in shape or size may be used.
However, only interchangeable parts will be supplied as service replacement parts.

5. Test point information

Test point with a jumper wire across a hole in P.C.B.
 Test point with a component lead on the foil side.
 Test point with no test pin.
 Test point with a test pin.

Schematic Diagram Notes

1. Indication for Zener Voltage of Zener Diodes The Zener Voltage of Zener Diodes are indicated as such on Schematic Diagrams.

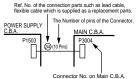
Example:

(6.2V).....Zener Voltage

 How to identify Connectors
 Each connector is labeled with a Connector No. and Pin No. Indicating what it is connected to, in other words, its counter part.

Use the interconnection schematic diagram to find the connection between associated connectors.

Example:
The connections between C.B.A.s are shown below



3. Parts marked "PT" are not used in any models included



Jumper wires are used for WA10, WA5 etc and these are not supplied as replacement parts.

Signal Waveform Note

How to read Signal Waveform



 Connecting Point
 Volts/Div
 Volts/Div
 Connecting Point
 Time/Div
 Time/Div
 Time/Div
 The scope the scope (1:CH1.2:CH2)

 Operation Mode of VCR

 Waveform Point on Schematic V1:Peak to Peak

Voltage Chart Note

Voltage Measurement

a. Color bar signal in SP mode.
 b. ---:Unmeasurable or not necessary to measure.

Circuit Board Layout Note
Circuit Board Layout shows components installed for various models.
For proper parts content for the model you are servicing, please refer to the schematic diagram and parts list.

Circuit Board Layout includes components which are not used.

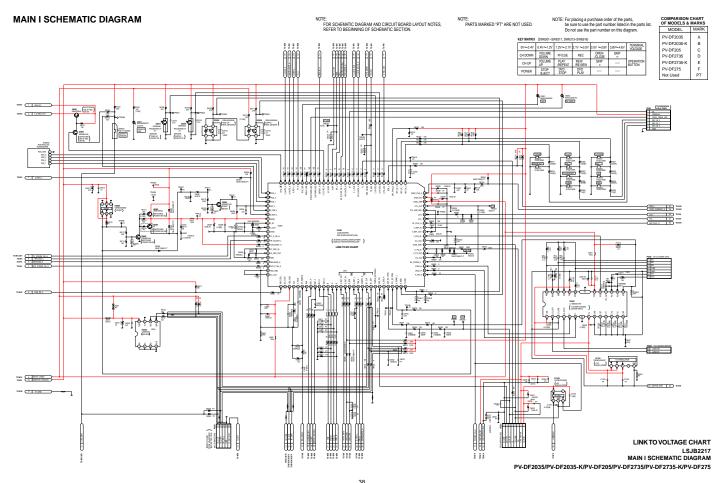
Model No. Identification Mark

MODEL	MARK
PV-DF2035	A
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	E
PV-DF275	F
Not Used	PT

Note: Refer to item 3 of Schematic Diagram Notes for mark "PT".

n C.B.A.
SCHEMATIC DIAGRAM & CIRCUIT BOAD LAYOUT NOTES
PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

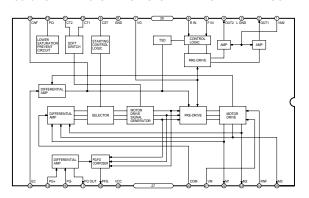
8.2. MAIN SCHEMATIC DIAGRAMS



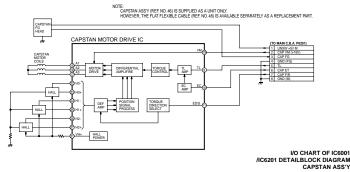
I/O CHART OF IC6001

E							
	1/0	Signal Name	Description	Pin No.	NC		Description
1	ш	KEY_0	KEY DATA 0	51		LINE_SD_L	TV SIGNAL(L)
2	Ш	KEY_1	KEY DATA 1	52		(CV_OUT)	NOT USED
3	1	KEY_2	KEY DATA 2	53	1	VDD_OSD	VDD (+5V)
4	Ŀ	OPT_F/R/2LC	NOT USED	54	Ŀ	HLF	NOT USED
5	1	SOS_L	ABNORMAL VOLTAGE DETECTION(L)	55	Ŀ	V_HOLD	NOT USED
6	1	DTS_AFC	TUNER AFC	56	1	CV_IN(EDS)	COMPOSITE VIDEO
7	1	S_PHOTO	SUPPLY PHOTO TR ON(L)	57	ŀ	NUA	NOT USED
8	1	T_PHOTO	TAKEUP PHOTO TR ON(L)	58	1	OSD_H	OSD H-SYNC
9	1	TR_ENV	ENV VOLTAGE	59	1	OSD_V	OSD V-SYNC
10	1	MTS_MODE	MTS MODE	60		BLK_H	BLANKING PULSE
-11	0	TL	CAPSTAN TORQUE COMMAND	61	0	LINE_H	LINE1(L)/LINE2(H)
12	0	VCH_MUTE_H	V-CHIP MUTE(H)	62	0	В	OSD-B
13	0	V_L_PLS	V-LOCK PULSE	63	0	G	OSD-G
14	Т	IR	IR-DATA	64	0	R	OSD-R
15	0	Hi-Fi_MUTE_H	Hi-Fi AUDIO MUTE(H)	65	0	H_DAT_OUT	DVD SERIAL DATA 0
16	0	NA_PB_SW_ON_L	NORMAL AUDIO PB(L)	66	1	D_DAT_IN	DVD SERIAL DATA 1
17	0	SP_L	TAPE SPEED	67	T	D_SCK	DVD SERIAL CLOCK
18	0	HSW	HEAD SW PULSE	68	0	D_RST_L	DVD RESET(L)
19	0	HF_HSW	Hi-Fi HEAD SW	69	0	TNR_H	TUNER(H)/LINE(L)
20	0	V_D_REC_H	VIDEO DELAY REC(H)	70	0	COMPO_H	COMPOSITE(H)
21	0	DEFEAT_H	AUDIO DEFEAT(H)	71	0	IIC_CLK	I2C SERIAL CLOCK
22	0	ON_TIMER_LED	ON TIMER LED ON(L)	72	1/0	IIC_DAT	I2C SERIAL DATA
23	0	PROG TIMER LED	PROGRAM TIMER LED ON(L)	73		TUNING H/(750KHz)	NOT USED
24	0	ANGLE LED	NOT USED	74	0	CAP_F/R	CAPSTAN MOTOR REVERSE(H)/FORWARD(L)
25	0	REC LED	REC LED ON(L)	75	ŀ	A_DVD_H	NOT USED
26	0	VV H	VV(H)	76	О	CAP EC PWM	CAPSTAN ERROR
27	0	H RDY L	HOST READY(L)	77	0	CYL EC PWM	CYLINDER ERROR
28	0	A_MUTE_H	AUDIO MUTE(H)	78	T	P_DOWN_L	POWER DOWN(L)
29	0	V MUTE H	VIDEO MUTE(H)	79	Т	S REEL	SUPLLY REEL PULSE
30	T	POS 4	MODE SW POSITION D	80	ī	T REEL	TAKEUP REEL PULSE
31	Т	POS 3	MODE SW POSITION C	81	0	P ON H	POWER ON(H)
32	Т	POS 2	MODE SW POSITION B	82	0	UNLD H	LOADING MOTOR REVERSE(H)
33	Т	POS 1	MODE SW POSITION A	83	0	LOAD H	LOADING MOTOR FORWARDIH)
34	Т	RST I	RESET(L)	84	0	EX FF/REW L	FF/REW(L)
35	Ť	S TAB L	SAFETY TAB ON(L)	85	Ť	(no use)	NOT USED
36	Ť	D RDY L	DVD READY(L)	86	0	C FG OUT	CAPSTAN FG
37	Т	DVDD	VDD(+5V)	87	T	C FG IN	CAPSTAN FG
38	Ť	X IN	12MHz OSCILLATOR	88	۰	AVSS AMP	GROUND
39	o	X OUT	12MHz OSCILLATOR	89		(no use)	NOT USED
40	Ť	DVSS	GROUND	90	T	Y PFG IN	CYLINDER PG/FG
41	0	TV_P_ON_H	TV POWER ON(H)	91	0	V REF OUT	V-RFF
42	ō	HF ADJUST L	HF ADJUST(L)	92	Ť	V REF IN	V-REF
43	ĭ	12M START H	12MHz CLOCK START(H)	93		HF PLAY H	Hi-Fi AUDIO PB(H)
44	H	LC OSC IN	LC OSCILLATOR	94		CTL-	CONTROL PULSE(-)
45	o	LC OSC OUT	LC OSCILLATOR	95		CTL+	CONTROL PULSE(+)
46	Ľ.	NUB	NOT USED	96		CTL AMP REF	V-RFF
47	0	DEGAUSS H	DEGAUSSING ON(H)	97	0	CTL OUT	PB CONTROL PULSE
48	0	DVD P ON H	DVD POWER ON(H)	98	Ī	AVDD AMP	VDD (+5V)
49	۲	VSS OSD	GROUND	99	H	AVDD_AMP	VDD (+5V)
50	۱÷	(no use)	NOT USED	100	÷	OVER CUR H	OVER CURRENT DETECT(H)
50	Ŀ	(no_use)	MOT DRED	100	ш	UVEK_UUK_H	OVER CURRENT DE TECT (H)

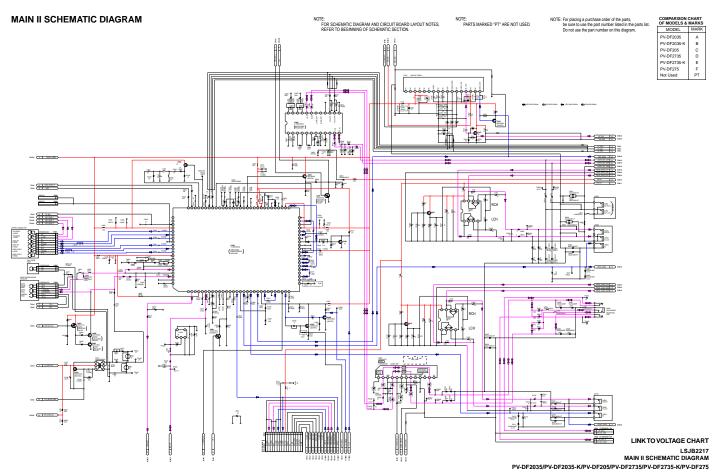
IC6201 CYLINDER/LOADING MOTOR DRIVE IC- DETAIL BLOCK DIAGRAM

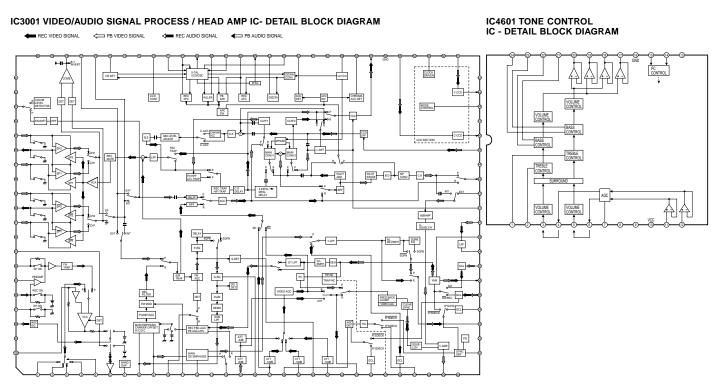


CAPSTAN ASS'Y

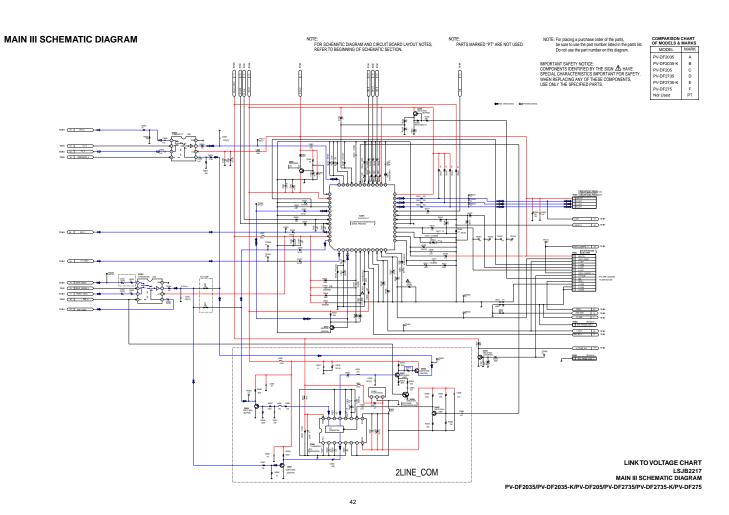


PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

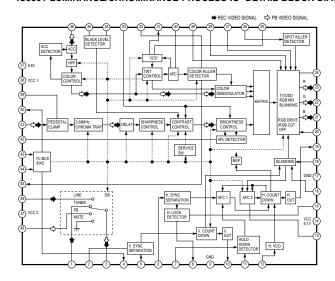




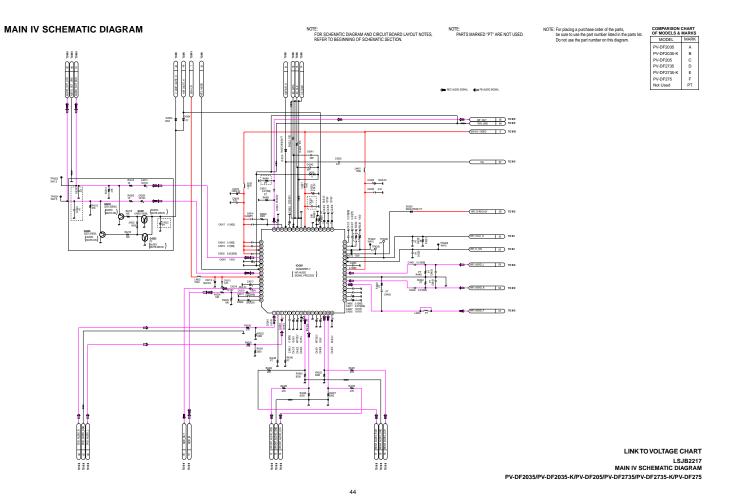
IC3001 DETAIL BLOCK DIAGRAM
IC4601 DETAIL BLOCK DIAGRAM
PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275



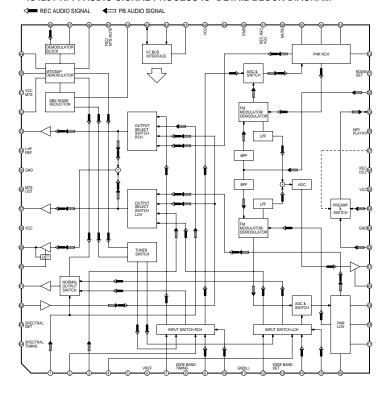
IC5301 LUMINANCE/CHROMINANCE PROCESS IC- DETAIL BLOCK DIAGRAM



IC5301 DETAIL BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2755-K/PV-DF275



IC4201 Hi-Fi AUDIO SIGNAL PROCESS IC- DETAIL BLOCK DIAGRAM



IC4201 DETAIL BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2755-K/PV-DF275

MAIN V SCHEMATIC DIAGRAM



FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

MPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE

PECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.

WHEN REPLACING ANY OF THESE COMPONENTS,

ISE ONLY THE SPECIFIED PARTS.

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the part Do not use the part number on this diagram. COMPARISON CHART
OF MODEL MARK

PV-DF2035 A

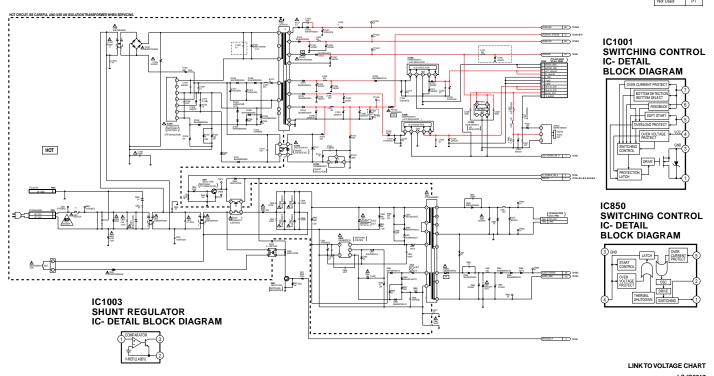
PV-DF2035 C

PV-DF2735 D

PV-DF2735 E

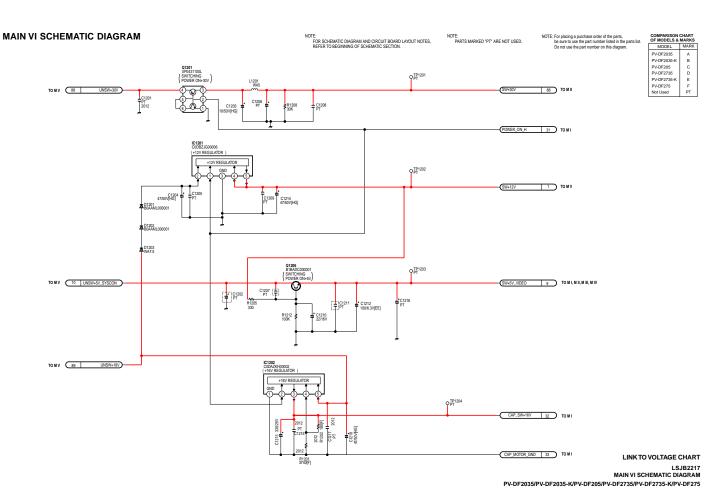
PV-DF2735 F

Not Used PT

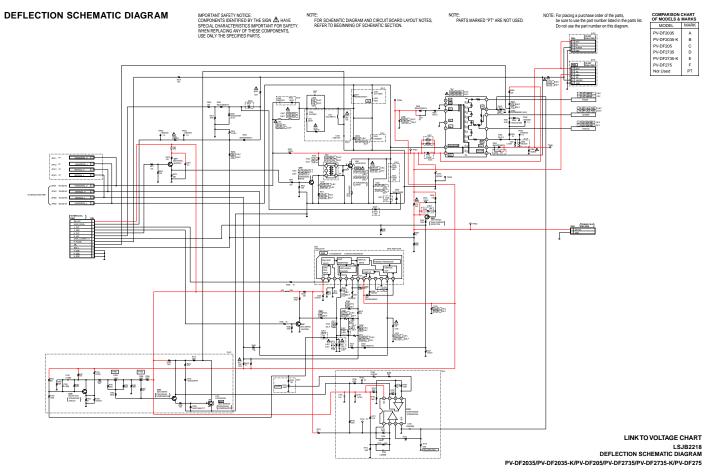


LSJB2217 MAIN V SCHEMATIC DIAGRAM

PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275



8.3. DEFLECTION SCHEMATIC DIAGRAMS



8.4. OPERATION / CRT (MODELS: PV-DF2035 / PV-DF2035-K / PV-DF205) SCHEMATIC DIAGRAM

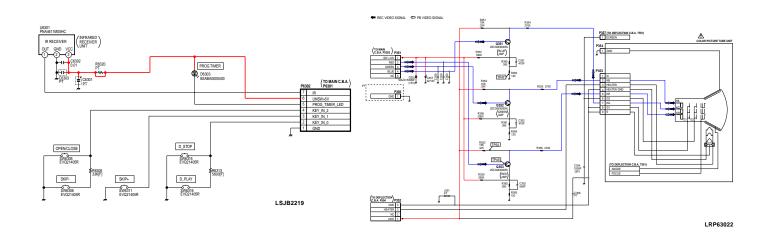
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN A HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY
WHEN REPLACING ANY OF THESE COMPONENTS.

NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT I REFER TO BEGINNING OF SCHEMATIC SECTION. PARTS MARKED 'PT' ARE NOT USE

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the part Do not use the part number on this diagram. COMPARISON CHART
OF MODELS & MARK
MODEL | MARK
PV-DF2035 | A
PV-DF2035-K | B
PV-DF2035-K | C
PV-DF2735 | D
PV-DF2735-K | E
PV-DF2735-K | E
PV-DF275-F
Not Used | PT

OPERATION SCHEMATIC DIAGRAM

CRT SCHEMATIC DIAGRAM (A, B, C)

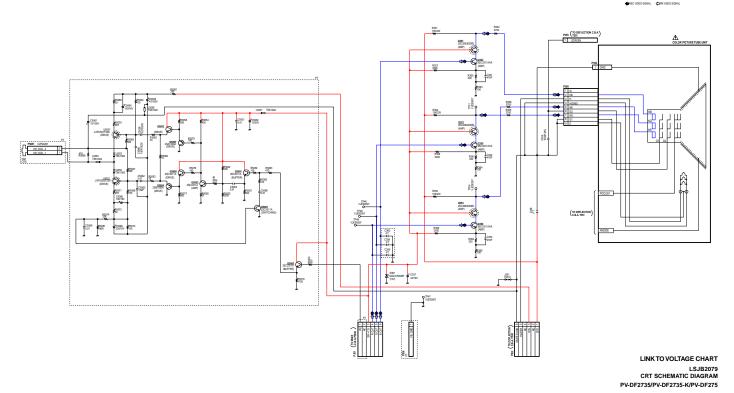


LINKTO VOLTAGE CHART

OPERATION SCHEMATIC DIAGRAM
CRT SCHEMATIC DIAGRAM
PV-DF2035/PV-DF2035-K/PV-DF275

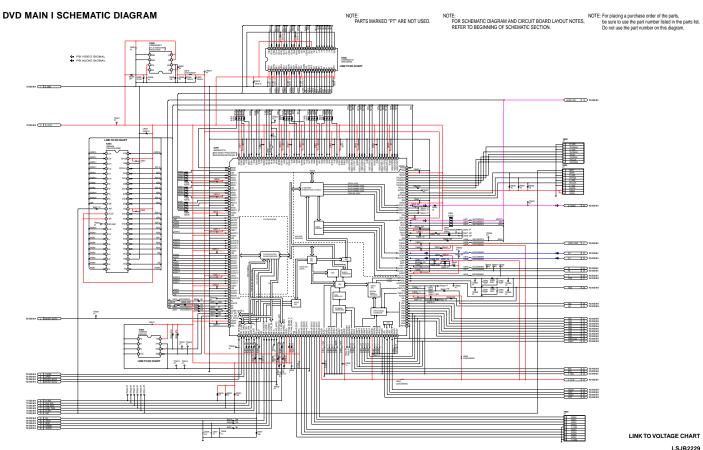
8.5. CRT SCHEMATIC DIAGRAM (Models: PV-DF2735 / PV-DF2735-K / PV-DF275)





50

8.6. DVD MAIN / DVD SUB SCHEMATIC DIAGRAMS



LSJB2229

DVD MAIN I SCHEMATIC DIAGRAM

PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

I/O CHART OF IC8002

., 0	٠.		100002				
Pin No.	1/0	Signal Name	Description				
1	1	A15	Memory address 16				
2	1	A14	Memory address 15				
3	1	A13	Memory address 14				
4	1	A12	Memory address 13				
5	1	A11	Memory address 12				
6	1	A10	Memory address 11				
7	1	A9	Memory address 10				
8	1	A8	Memory address 9				
9	1	NC	Memory address 20				
10	1	NC	Memory address 21				
11	1	/WE	Write enable : low				
12	1	/RST	Reset : low				
13	1	VCCW	+3.3V				
14		WP	(Not used)				
15	1	RDY/BSY	DVD Ready (Busy : low)				
16	1	A18	Memory address 19				
17	1	A17	Memory address 18				
18	ì	A7	Memory address 8				
19	i	A6	Memory address 7				
20	i	A5	Memory address 6				
21	i	A4	Memory address 5				
22	i	A3	Memory address 4				
23	i	A2	Memory address 3				
24	i	A1	Memory address 2				
25	i	An	Memory address 1				
26	Ť	/CF	Memory chip select : low				
27	1	VSS	Ground				
28	i	/OE	Output enable : low				
29	1/0	DOI	Memory data 0				
30	1/0	DOB	Memory data 8				
31	1/0	DQ1	Memory data 1				
32	1/0	DQ9	Memory data 9				
33	1/0	DQ2	Memory data 2				
34	1/0	DQ10	Memory data 10				
35	1/0	DQ3	Memory data 3				
36	1/0	DQ11	Memory data 11				
37	I	VCC	+3.3V				
38	1/0	DQ4	Memory data 4				
39	1/0	DQ12	Memory data 12				
40	1/0	DQ12 DQ5	Memory data 5				
41	1/0	DQ13	Memory data 13				
41	1/0	DQ6	Memory data 6				
42	1/0	DQ14	Memory data 14				
	-						
44	1/0	DQ7 DQ15A-1	Memory data 7				
	-		Memory data 15				
46	-	VSS	Ground				
47	1	/BYTE	+3.3V				
48	- 1	A16	Memory address 16				

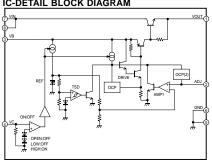
I/O CHART OF IC8003

	_	AKI OI				
Pin No.		Signal Name	Description			
1	1	VDD	+3.3V			
2	1/0	DQ0	SDRAM data 0			
3	1	VDDQ	+3.3V			
4	1/0	DQ1	SDRAM data 1			
5	1/0	DQ2	SDRAM data 2			
6	-	VSSQ	Ground			
7	1/0	DQ3	SDRAM data 3			
8	1/0	DQ4	SDRAM data 4			
9	-1	VDDQ	+3.3V			
10	1/0	DQ5	SDRAM data 5			
11	1/0	DQ6	SDRAM data 6			
12	-	VSSQ	Ground			
13	1/0	DQ7	SDRAM data 7			
14	1	VDD	+3.3V			
15	1	LDQM	Data input/output mask			
16	1	/WE	Write enable : low			
17	1	/CAS	Column address strobe : low			
18	1	/RAS	Row address strobe :low			
19	1	/CS	SDRAM chip select : low			
20	i	BA0	Bank address 0			
21	i	BA1	Bank address 1			
22	i	A10/AP	SDRAM address 10			
23	ì	An	SDRAM address 0			
24	i	A1	SDRAM address 1			
25	i	A2	SDRAM address 2			
26	i	A3	SDRAM address 3			
27	i	VDD	+3.3V			
28	÷	VSS	Ground			
29	i	A4	SDRAM address 4			
30	÷	A5	SDRAM address 5			
31	÷	A6	SDRAM address 6			
_	+	A7	SDRAM address 6 SDRAM address 7			
32	i	A8	SDRAM address 8			
	÷					
34	<u> </u>	A9	SDRAM address 9			
35	1	A11	SDRAM address 11			
36	٠	NC	(Not used)			
37		CKE	(Not used)			
38	1	CLK	SDRAM dock			
39	1	UDQM	Data input/output mask			
40	-	NC	(Not used)			
41	-	VSS	Ground			
42	1/0	DQ8	SDRAM data 8			
43	-1	VDDQ	+3.3V			
44	1/0	DQ9	SDRAM data 9			
45	1/0	DQ10	SDRAM data 10			
46	-	VSSQ	Ground			
47	1/0	DQ11	SDRAM data 11			
48	1/0	DQ12	SDRAM data 12			
49	1	VDDQ	+3.3V			
50	1/0	DQ13	SDRAM data 13			
51	I/O	DQ14	SDRAM data 14			
52		VSSQ	Ground			
53	1/0	DQ15	SDRAM data 15			
54		VSS	Ground			

I/O CHART OF IC8004

Pin No.	1/0	Signal Name	Description
1		A0	(Not used)
2		A1	(Not used)
3	٠	A2	(Not used)
4		VSS	Ground
5	I/O	SDA	Serial data
6	-1	SCL	Serial clock
7		WP	Write protect
8	_	VCC	+3.3V

IC8005 IC-DETAIL BLOCK DIAGRAM



I/O CHART OF IC8002, IC8003, IC8004 IC8005 IC-DETAIL BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF2735/PV-DF2735-K/PV-DF275

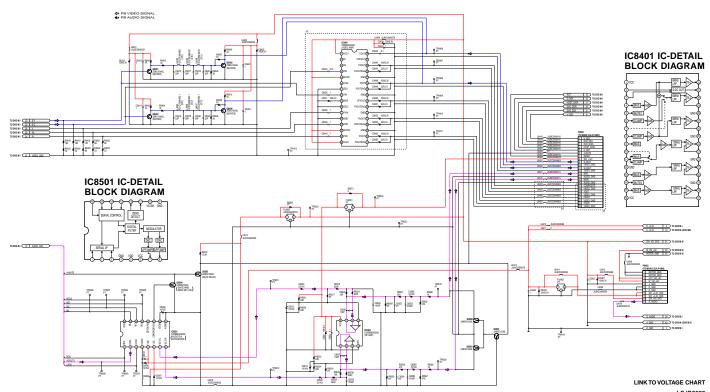
DVD MAIN II SCHEMATIC DIAGRAM

NOTE: PARTS MARKED "PT" ARE NOT USED.

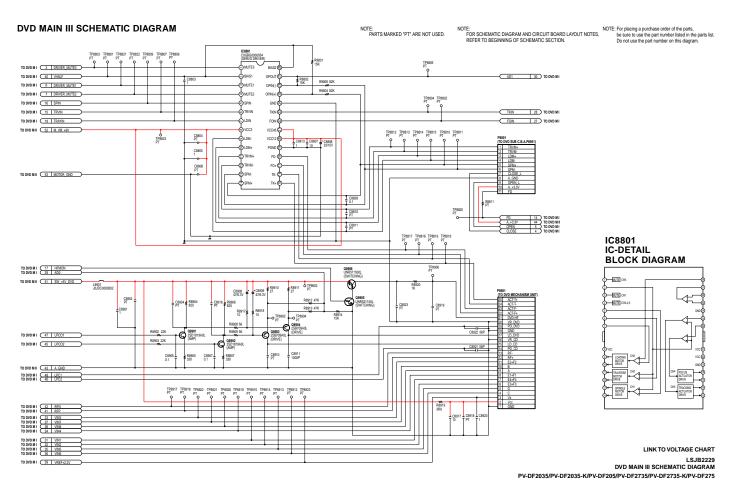
NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOT REFER TO BEGINNING OF SCHEMATIC SECTION.

be sure to use the part number listed in the parts list.

Do not use the part number on this diagram.



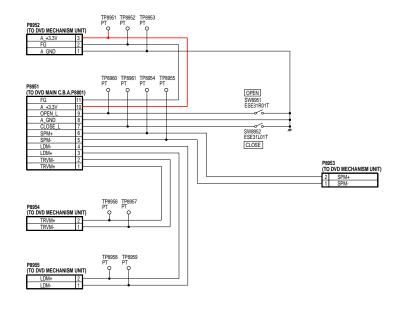
LSJB2229
DVD MAIN II SCHEMATIC DIAGRAM
PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275



DVD SUB SCHEMATIC DIAGRAM

NOTE: For placing a purchase order of the parts. RFER TO BEGINNING OF SOHEMATIC SECTION.

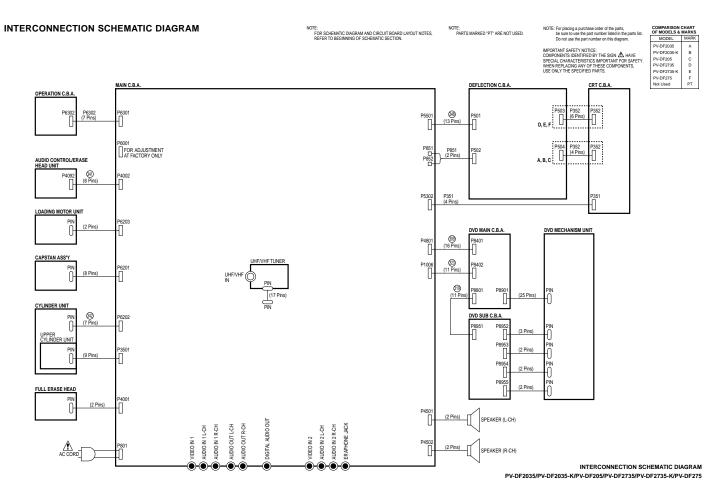
NOTE: For placing a purchase order of the parts is. be sure to use the part number on this diagram. To be sure to use the part number on this diagram.



LINK TO VOLTAGE CHART

LSJB2187
DVD SUB SCHEMATIC DIAGRAM
PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

8.7. INTERCONNECTION SCHEMATIC DIAGRAM



8.8. VOLTAGE CHART

NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

MAIN C.B.A. (SYSTEM CONTROL/SERVO SECTION)

IVIAIIN	C.B.P	ı. (SY	STE	M CON	NTRO	L/SE	RVO	SECT	ION)					
WODE PINNO.	REC	PLAY		WODE PINNO.\	REC	PLAY		MODE PINNO.\	REC	PLAY		WODE PINNO.\	REC	PLAY
IC6001				55	2.6	2.6	1	C				Q6003		_
1	5.2	5.2			0	0	1	IC6004			1	E	0	0
				56		0			0	0		C		
2	5.2	5.2		57	0			1	_				0.1	0.2
3	5.2	5.2		58	0.3	0.3		2	0	0		В	0.6	0.6
4	5.2	5.2		59	0.4	0.4		3	0	0		Q6005		
5	4.2	4.2		60	0	0		4	0	0		E	5.1	5.2
6	2.6	2.6		61	0	0		5	5.2	4.8		С	5.0	5.1
7	4.9	4.9		62	0.1	0.1		- 6	5.2	5.0		В	4.3	4.3
8	4.9	4.9		63	0.1	0.1		7	0	0		Q6006		
9	3.5	2.1		64	0.1	0.1		- 8	5.0	5.0		E	0	0
10	0	0		65	0	0		IC6005				С	5.0	0
11	4.9	4.9		66	2.0	2.0		1	5.1	5.2		В	0	0
12	0.3	0.3		67	2.0	2.0		2	5.0	5.0		Q6009		
13	0.1	0.2		68	0	0		3	0	0		E	0.1	0.1
14	5.2	5.2		69	0.3	0.3		4	0	0		С	5.0	5.0
15	5.1	5.1		70	5.1	5.1		5	5.0	5.0		Q6010		
16	5.1	5.1		71	3.2	3.2		6	0	0		Е	0.1	0.1
17	0	0		72	2.8	2.8		IC6201				С	4.8	5.1
18	2.6	2.6		73	0	0		1	11.9	11.9				
19	0	2.6		74	0.2	0.2		2	3.1	3.1		TP6001	4.9	4.9
20	5.0	0.2		75			ı	3	0	0	I	TP6002	4.9	4.9
21	5.1	5.1		76	2.7	3.2	1	4	3.0	3.0	1	TP6003	3.5	2.1
22	5.1	5.1		77	2.6	2.8	i	5	0.1	0.1	i	TP6004		
23	5.1	5.1		78	5.2	5.2	1	6	0.1	0.1	1	TP6005		
24				79			i	7	16.7	16.7	i	TP6006	0	0
25	0	5.1		80			i	8	0	0	ı	TP6007	5.1	5.1
26	0	5.2		81	5.2	5.2	i	9	2.9	2.9	i	TP6008	0	0
27	5.2	5.2		82	0	0	i	10	1.7	1.7	i	TP6009	5.2	5.2
28	5.2	0		83	0	0	i	11	1.7	1.7	i	TP6013	0	0
29	0	0		84	0.1	0.1	i	12	0.7	0.7	i	TP6019	4.9	4.9
30	0	0		85	0.2	0.2	1	13	0	0	1	TP6099	5.2	5.1
31	4.6	0		86	2.6	2.6	i	14	2.6	2.6	i	TP6101	5.1	5.1
32	4.7	5.2		87	2.6	2.6	1	15	2.7	2.7	1	TP6104	5.1	5.1
33	0	0		88	0	0	i	16	2.7	2.7	i	TP6106	5.2	5.2
34	5.2	5.2		89	0.3	0.3	1	17	2.7	2.7	1	TP6111	0	0
35	0.1	0.1		90	1.4	1.4	ı	18	1.4	1.4	ı	TP6201	2.7	3.1
36	5.2	5.2		91	2.6	2.6	ı	19	5.2	5.2	ı	TP6202	2.6	2.8
37	5.2	5.2		92	2.6	2.6		20	3.7	3.7		TP6203	2.6	2.6
38	2.4	2.4		93	1.3	4.3	i	21	11.9	11.9	i	TP6205	2.6	2.6
39	2.4	2.4		94	2.4	2.6		22	3.8	3.8		TP6206	2.9	2.6
40	0	0		95	2.9	2.6	ı	23	3.8	3.8	ı	TP6207	2.6	2.6
41	5.0	5.0		96	2.6	2.6		24	0	0		TP6208	2.6	2.6
42	5.0	5.2		97	2.6	2.6		25	3.8	3.8		TP6209	2.4	2.4
43	5.2	5.2		98	5.2	5.2		26	0	0		.1 0209	2.4	2.4
44	2.5	2.5		98	5.2	5.2	1	27	0	0	1	\vdash		_
								21	-	-		\vdash		
45	2.5	2.5		100 IC6002	0.3	0.3		00001	_			\vdash		
46	0	0			4.0	40		Q6001	40.4	400		\vdash		
47	0	0		A	1.3	1.3		E	12.1	12.2		\vdash		
48	5.1	5.1		K	0	0		С	11.9	0.6		\vdash		
49	0	0		E	0	0		В	11.3	12.3		\vdash		
50	0	0		С				Q6002				\vdash		
51	0.6	0.6		IC6003				E	4.4	0				
52				A	2.4	2.4		С	11.3	12.2				
53	5.2	5.2		K	1.3	1.3		В	5.0	0		\vdash		
54	2.2	2.2		E	0	0	ı	1		l	ı	1		

VOLTAGE CHART
PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

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NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

	VIDEO/AUDIO SI									DEFLECTION	
MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP	MODE STOP
PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.	PINNO.
1 160.7	2 15.3	51 2.0 52 5.0	5 2.5 6 2.5	60 0.2 61 2.5	11 0.1 12 0.1	8 5.1 9 0	Q3006 E 1.6	B 1.8 Q5657	TP4508 0 TP4509 0	1 10.4	Q754 E 1.8
2 0.1	4 0	53 2.6	7 2.2	62 2.5	13 4.3	10 2.4	C 5.1	E 1.6	TP4591 10.9	2 3.8	C 0
3 0	5 0	54 0	8 0.4	63 2.8	14 6.2	11 2.3	B 2.2	C 7.5	TP4592 10.9	3 5.2	B 2.5
4 38.5	IC3001	55 2.1	9 0	64 0.6	15 0.2	12 3.5	Q3305	B 2.1	TP5009 0	4 5.5	
5 2.4	1	56 0	10 0	IC4501	16 0.2	13 3.9	E 0	Q5658	TP5019 0	5 0	TP501 132.3
IC1001	2 0	57 2.2	11 0	1 10.5	17 0	14 1.7	C 4.0	E 6.9	TP5301 3.7	6 5.1	TP502 0
1 163.9	3	58 2.2 59 4.9	12 2.2 13 2.6	3 0	18 0.2 19 0.2	15 3.8 16 5.1	B -0.2 Q4081	C 9.0 B 7.5	TP5302 3.7 TP5303 3.9	7 4.9 8 27.7	TP503 132.7 TP551 -6.7
3 0	5 2.1	60 4.9	14 0	4 1.7	20 0.2	IC5653	E 5.1	Q5659 7.5	TP5305 3.9	9 2.0	TP552 -8.2
4 19.9	6 2.6	61 3.9	15 0	5 1.1	21 0.2	1 3.4	C 5.1	E 0	TP5307 3.7	10 1.5	TP553 5.6
5 0.1	7 2.8	62 2.3	16 2.6	6 13.4	22 3.8	2 0	B 4.3	C 0	TP5308 2.7	11 0	TP554 21.2
6 1.8	8 1.9	63 2.2	17 0.8	7 21.1	23 3.8	3 3.4	Q4082	B 4.7	TP5309 1.8	12 15.2	TP556 229.0
7 0.9	9 1.9	64 2.3	18 2.6	8 10.7	24 9.1	4 4.9	E 0	Q5901	TP5310 7.4	13 28.1	TP558 27.7
IC1002 1 4.9	10 1.9 11 2.6	65 2.3 66 2.3	19 2.5 20 2.1	9 0	25 3.6 26 9.0	5 3.4 6 5.0	C 0 B 0.8	E 9.1 C 12.1	TP5312 6.3 TP5313 0.2	1C752 1 1.3	\vdash
2 3.8	12 1.6	67 2.2	20 2.1	11 0	26 9.0	7 1.4	Q4083	B 9.7	TP5401 3.8	2 2.9	
3 4.3	13 0	68 1.2	22 2.1	12 10.7	28 0	8 0	E 0	- J - J	TP5402 2.3	3 2.9	
4 19.9	14 2.7	69 2.0	23 0	13	29 0		C 0	TP809 0	TP5501 0.7	4 0	
C1003	15 2.7	70 2.7	24 2.1	IC4601	30 5.8	Q591	B 0.8	TP810 0.2	TP5503 1.6	5 3.7	
1 2.5	16 2.0	71 0	25 5.0	1 4.5	31 6.3	E 0	Q4101	TP851 132.8	TP5504 -0.3	6 3.8	
2 0 3.8	17 2.8 18 2.0	72 4.8 73 3.7	26 2.1 27 0	2 4.5 3 4.5	32 3.5 33 6.4	C 12.0 B 0	E 0 C 0.6	TP852 0 TP860 22.0	TP5505 0 TP5651 2.7	7 3.8 8 12.0	
IC1004	19 2.7	74 3.4	28 3.8	4 4.5	34 8.2	Q801	B 0.5	TP861 0	TP5652 6.1	0 12.0	
1	20 0	75 2.8	29 1.5	5 4.5	35 0	E 0	Q4201	TP1001 28.3	TP9501 0	Q431	
2 0	21 2.7	76 2.2	30 0.8	6 4.5	36 0.1	C 0.2	E 0.3	TP1002 15.3	TP9553 0	E 2.9	
3 5.1	22 5.0	77 2.8	31 0.1	7 4.5	37 9.7	B 0.7	C	TP1003 6.4	TP9554 0	C 0	
4 5.5	23 2.3	78 0	32 2.5	8 2.2	38 9.0	Q1201	B 0	TP1004 5.3		B 2.2	\vdash
5 5.0 IC1005	24 25 0	79 0 80 2.3	33 2.5 34 0.7	9 4.5 10 5.2	39 2.2 40 2.3	1 0	Q4203 E 0	TP1005 0 TP1201 28.3		Q501 E 0	
1 5.1	26 3.0	81 0	35 2.5	10 5.2	40 2.3	3 28.3	C 0	TP1201 28.3		C 94.7	
2 9.2	27	82	36 0.1	12 4.5	42 0	4 28.3	В	TP1203 5.1		B 0.4	
3 0	28 0	83 3.4	37 1.7	13 2.8	43 5.2	5 0	Q4204	TP1204 15.3		Q523	
4 6.5	29 2.2	84 5.0	38 0	14 3.3	44 5.2	6 0	E 0	TP3001 1.8		E 132.7	
5 5.0	30 2.8	85 2.2	39	15 2.8	45	Q1206	C 0	TP3002 2.2		C 0.2	
IC1006	31 32 2.5	86 2.2 87 2.2	40 5.0	16 0 17 4.5	46 2.7 47 5.0	E 5.1	B	TP3012 2.1		B 132.2	
1 5.1	32 2.5 33 2.1	87 2.2 88 0	41 0 42 4.9	18 4.5	47 5.0 48 0.7	C 5.2 B 5.9	Q5301 E 3.2	TP4001 0 TP4002 0		Q551 E 0	
3 0	34	89 2.2	43 4.9	19 4.5	IC5352	Q3001	C 9.1	TP4003 0		C	
4 3.3	35 3.0	90 2.2	44 0	20 4.5	1 2.3	E 0	B 3.8	TP4004 0		B 0	
5 3.3	36 2.3	91 2.2	45 0	21 4.5	2 4.3	C 0.1	Q5302	TP4011 0		Q571	
IC1201	37 3.0	92 5.1	46 0	22 4.5	3 2.5	B 0	E 5.2	TP4014 0		E 1.3	
1 4.6	38 2.2 39 1.4	93 1.5 94 2.5	47 2.5 48 2.3	23 4.5 24 4.5	4 0.1 5 3.2	Q3002 E 1.7	C 9.1 B 5.7	TP4101 0 TP4102 0		C 11.6 B 1.6	\vdash
3 0	40 2.1	95 2.5	49 0.4	IC5301	6 5.0	C 5.0	Q5651	TP4103 0		Q751	
4 12.0	41 3.0	96 2.5	50 3.6	1 2.7	7 0.3	B 2.3	E 1.9	TP4201 0		E 0	
5 12.0	42 2.0	97 0	51 5.0	2 0.1	8 0	Q3003	C 0	TP4202 0		C 12.3	
IC1202	43 2.1	98 2.3	52 3.6	3 0.1	IC5651	E 1.7	B 1.3	TP4205 1.5		B 0.6	
1 0	44 0	99 0	53 6.0	4	1 0	C 0	Q5652	TP4206 4.6	\vdash	Q753	\vdash
2 4.6 3 15.3	45 3.2 46 3.2	100 2.6 IC4201	54 2.5 55 0	5 2.1 6 2.1	2 2.3 3 2.9	B 1.0 Q3005	E 1.1 C 4.2	TP4207 0.7 TP4208 0		E 4.8 C 0.7	\vdash
4 14.4	46 3.2	1 0.4	56 0	7 0.1	4 2.5	E 0	B 1.7	TP4209 0.4		B 4.2	\vdash
5 15.3	48 4.8	2 0	57 6.0	8 0.1	5 1.4	C 0	Q5653	TP4501 11.0			
IC1301	49 3.2	3 2.5	58 12.0	9 0	6 0	B 4.7	E 2.5	TP4502 11.0			
1 15.3	50 5.0	4 0	59	10 3.9	7 0		C 0	TP4507 0			VOLTAGE CHAI
									PV-DF2035/PV-DF	2035-K/PV-DF205/	PV-DF2735/PV-DF2735-K/PV-DF2

NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

											COMPARISON CHART
CRT C.B.A.	CRT C.B.A.	DVD MAIN									OF MODELS & MARKS
(A,B,C)	(D,E,F)	C.B.A.									PV-DF2035 A
WODE STOP	VMODE STOP	WODE STOP	WODE STOP	WODE STOP	WODE STOP	VMODE STOP	VMODE STOP	WODE STOP	VMODE STOP	MODE STOP	PV-DF2035-K B
PIN NO.	PIN NO.	PIN NO.	PINNO.	PINNO.	PIN NO.	PIN NO.	PIN NO.	PIN NO.	PIN NO.	PIN NO.	PV-DF205 C PV-DF2735 D
Q351 E 3.1	Q351 E 11.9	IC8001	55 56 3.4	110 1.9 111 1.9	165 1.7 166 1.7	220	18	24	6 5.0 7 0.1	E 0.1 C 3.3	PV-DF2735-K E
C 131.1	C 154.9	2	57 3.4	112 1.7	167 3.3	222 0	20	26	8 0.1	B 0	PV-DF275 F
B 3.5 Q352	B 12.0 Q352	3 0	58 3.3	113 1.7 114 1.7	168 1.6	223	21	27 3.3 28 0	9 0	Q8901 E 0.1	
E 3.1	E 11.9	5	59 3.3 60 3.4	114 1.7 115 1.7	169 1.8 170 1.7	224 225 3.3	22	28 0	10 0	E 0.1 C 0	
C 127.9	C 165.2	6 3.3	61	116 1.7	171 1.4	226	24	30	12	B 0	
B 3.5 Q353	B 12.0 Q353	8	62 3.3 63 0	117 1.7 118 3.3	172 1.3 173 0	227	25 26 2.2	31	13 1.6 14 0.4	Q8902 E 5.1	
E 3.0	E 11.9	9 0	64 0	119 2.0	174 0	229 0	27 0	33	15 3.3	C 0	
C 131.9 B 3.5	C 164.3	10	65 66 3.4	120 1.7 121 1.5	175 0	230 231 3.3	28 2.0	34	16 0.3 IC8503	B 5.1 Q8903	
В 3.5	B 12.0 Q354	11	67 3.4	121 1.5 122 0	176 0 177 1.7	231 3.3 232 1.7	30	36	1 6.2	E 5.1	
TP47 0	E 3.4	13	68	123 0.4	178 3.3	233	31	37 3.3	2 1.0	C 0	
TP49 3.5 TP50 131.9	C 11.9 B 3.9	14	69 3.4 70	124 1.2 125 0.4	179 0 180	234 2.3 235 0	32	38 3.3 39 1.5	3 6.2 4 0	B 5.1 Q8904	
11 00 101.0	Q355	16 0	71 0.1	126 0.2	181	236 1.3	34	40	5 6.0	E 5.1	
$\overline{}$	E 3.2 C 11.9	17	72 1.2 73 3.4	127 2.3 128 1.7	182	237	35	41 0	6 6.0 7 0.1	C 0 B 5.1	
	B 3.7	19 3.3	74 0	129 2.3	184	239 3.3	37 3.3	43 3.3	8 12.0	Q8905	
	Q356	20 0	75 1.7	130 2.2	185	240 3.0	38	44	IC8801	E 0	
	E 3.2 C 11.9	21 3.4 22 3.4	76 2.4 77	131 2.4 132 2.4	186	241 3.3 242 0	40	45 46 0	1 0 2 1.6	C 3.9 B 0.3	
	B 3.7	23	78 0.1	133 2.4	188	243 1.9	41	47	3 3.3	Q8906	
\vdash	TP46 3.9	24	79 80 3.4	134 2.4 135 2.0	189	244 3.3 245 3.2	42	48	4 3.3 5 1.8	E 5.0 C 5.1	
	TP47 0	26 1.2	81 3.3	136 2.0	190 3.3	246 3.3	44	49 3.3 50	6 1.6	B 0.1	
	TP48 3.7	27	82 3.1	137 2.0	192	247 0	45	51	7 1.6		
$\overline{}$	TP49 3.7 TP50 164.3	28 3.3 29 0	83 84 3.3	138 2.0 139 1.8	193 1.5 194	248 0 249 2.4	46 0 47 3.3	52 0	8 6.5 9 3.0	TP8001 0 TP8003 2.2	
	TP51 165.2	30 0.4	85	140	195	250 0	48 0.4	54 0	10 3.0	TP8005 4.4	
$\overline{}$	\vdash	31 0.9	86 87 0	141 3.4 142 1.3	196 3.3 197	251 1.5 252	1C8003 1 3.3	1 0	11 3.1 12 2.9	TP8006 3.4 TP8007 3.4	
		33	88	142 1.3	198	253 0	2	2 0	13 1.4	TP8008 4.8	
		34 3.3	89 1.2	144 2.1	199	254	3 3.3	3 0	14 4.6	TP8009 2.9	
	$\overline{}$	35 0 36	90 3.4 91 3.4	145 0 146 0.5	200	255 3.3 256	5	4 0 5 3.3	15 3.0 16 3.0	TP8010 3.5 TP8011 3.3	
		37	92 3.4	147 1.7	202 3.3	IC8002	6 0	6 3.2	17 3.0	TP8012 1.3	
\vdash		38 2.2	93 0	148 1.7 149 0.7	203	1	7	7 0 8 3.3	18 3.0 19 0	TP8013 3.3 TP8014 0	
		40	95	150 0	205 0	3	9 3.3	IC8005	20 6.5	TP8015 3.3	
$\overline{}$	\vdash	41	96	151 0.5 152 0.5	206	5	10	1 1.2	21 6.5 22 1.6	TP8016 0 TP8018 1.7	
		43 0.3	98 3.3	153 1.4	208	6	12 0	3 3.3	23 1.6	TP8019 1.8	
		44 1.2	99 0.9	154 1.4	209 3.3	7	13	4 3.3	24 0	TP8020 1.7	
$\overline{}$	$\overline{}$	45 0.1 46	100 0 101 2.4	155 2.2 156 0.5	210	9 0.1	14 3.3 15 2.4	5 0 6 0	25 2.1 26 2.1	TP8021 0 TP8022 1.6	
		47	102 2.2	157 0	212	10 3.4	16 0	7 2.2	27 2.2	TP8023 1.4	
\vdash	\vdash	48 3.3 49 0	103 1.9 104 0.3	158 0.9 159 3.3	213 0 214 2.4	11 3.4 12 3.4	17 3.2 18 3.3	8 2.2 IC8501	28 1.6	TP8024 2.0 TP8025 1.7	
		50	105 0	160 0	215 2.4	13 3.3	19 3.0	1 1.7	Q8504	TP8025 1.7 TP8027 1.6	
		51	106 1.4	161 3.3	216 3.3	14 3.3	20 2.3	2 0.1	E 0	TP8028 1.6	
$\overline{}$	\vdash	52 2.0 53 0	107 3.3 108 2.1	162 0 163 1.8	217	15 0.9 16 0.9	21 1.7	3 1.7 4 0	C 0 B 0.1	TP8029 1.5 TP8030 1.5	
		54 3.3	109	164 0	219 1.3	17 0.3	23	5 3.3	Q8505	TP8031 1.7	VOLTAGE CHART
									PV-DF2035/PV-D	F2035-K/PV-DF205	/PV-DF2735/PV-DF2735-K/PV-DF275

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

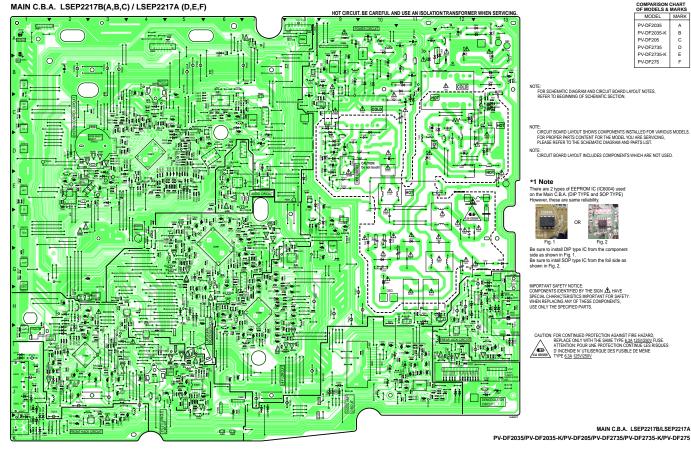
				DVD S C.B.A.	
		—			
VMODE PIN NO.	STOP	PINNO.	STOP	MODE PINNO.	STOP
TP8032	0.1	TP882:	6.5	TP8951	3.3
TP8033	0.1	TP890:	2 5.1	TP8952	1.5
TP8034	0.1	TP890		TP8953	0
TP8035	0	TP890		TP8954	1.4
TP8036		TP890		TP8955	4.6
TP8037	3.4	TP891:		TP8956	3.0
TP8038	0	TP891:		TP8957	3.0
TP8401	0.5	TP8914		TP8958	3.0
TP8402	1.2	TP891	5 2.2	TP8959	3.0
TP8403	0.4	TP8916		TP8960	3.3
TP8404	0.5	TP891		TP8961	0
TP8405	0.5	TP8919	2.4		
TP8406	0.6	TP892	2.3	1	
TP8407	0	TP892			
TP8408	0	TP892		1	
TP8409	0.4	TP892		1	
TP8410	1.2	1			
TP8411	1.5			1 -	
TP8412	0	1		1	
TP8416	0			1 -	
TP8504	0	1		1	
TP8505	1.6				
TP8506	3.3			1	
TP8507	3.1				
TP8508	3.3				
TP8509	0				
TP8510	1.7				
TP8511	2.6				
TP8512	2.6				
TP8519	6.0				
TP8520	6.0		-		
TP8521	0	-	-		
TP8522	12.0				
TP8523	5.1	-	-		
TP8801	1.6	l —	-		
TP8802	1.6	-	-		
TP8803	1.6	l —	+	1	
TP8804		l —	+	1 -	
TP8805 TP8806	1.6	l	+	. —	
TP8807	1.6	ı —	+		
TP8809	1.8	1 —	_	1 —	
TP8810	4.7	l	1	1 -	
TP8811	1.4		+	1	
TP8812	3.0	1		1	
TP8813	3.1	1 —		1	
TP8814	3.0	1		1	
TP8815	3.0	1		1	
TP8816	3.0			1	
TP8817	3.0	1		1	
TP8818	3.1			1	
TP8819	3.0	1		1	
TP8820	1.5				
TP8821	3.3				
TP8822	3.3				

VOLTAGE CHART PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

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9 CIRCUIT BOARD LAYOUT

9.1. MAIN C.B.A.



9.2. OPERATION C.B.A.

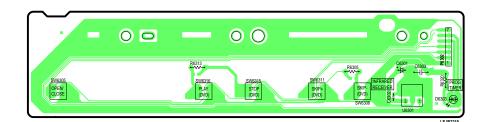
OPERATION C.B.A. LSEP2219A

NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION. COMPARISON CHART
OF MODELS & MARKS

MODEL MARK
PV-DF2035 A
PV-DF2035-K
B
PV-DF205 C
PV-DF2735 D
PV-DF2735-K
E
PV-DF275 F

NOTE: CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODEL FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING, PLEASE REFER TO THE SCHEMATIC DIAGRAM AND PARTS LIST.

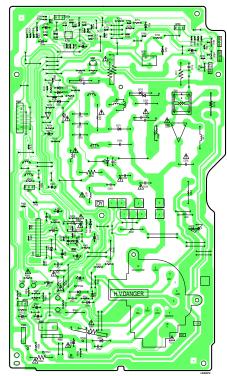
NOTE: CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.



OPERATION C.B.A. LSEP2219A PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

9.3. DEFLECTION / CRT C.B.A.

DEFLECTION C.B.A. LSEP2218B(A,B,C) / LSEP2218A (D,E,F) CRT C.B.A. LRP63022F (A,B,C)

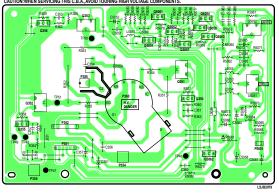


NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

MODEL MARK PV-DF2035 A PV-DF2035-K B PV-DF205 C PV-DF2735 D PV-DF2735-K E PV-DF275 F	COMPARISON CHART OF MODELS & MARKS								
PV-DF2035-K B PV-DF205 C PV-DF2735 D PV-DF2735-K E	MODEL	MARK							
PV-DF205 C PV-DF2735 D PV-DF2735-K E	PV-DF2035	Α							
PV-DF2735 D PV-DF2735-K E	PV-DF2035-K	В							
PV-DF2735-K E	PV-DF205	С							
	PV-DF2735	D							
PV-DF275 F	PV-DF2735-K	E							
	PV-DF275	F							

NOTE: CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.

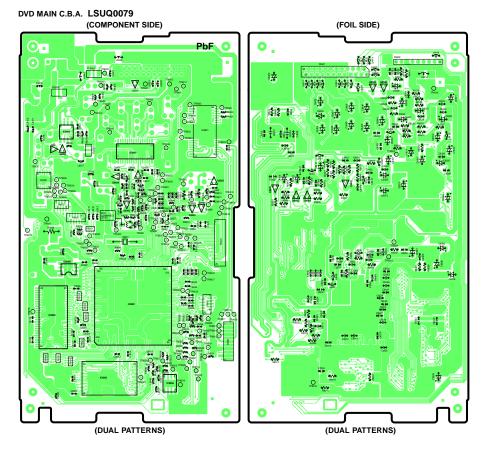
CRT C.B.A. LSEP2079D (D,E,F)



DEFLECTION C.B.A. LSEP2218B/LSEP2218A CRT C.B.A. LRP63022F CRT C.B.A. LSEP2079D

PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

9.4. DVD MAIN / DVD SUB C.B.A.

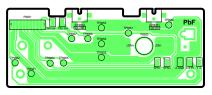


NOTE: FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE: CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODELS FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING,

CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.

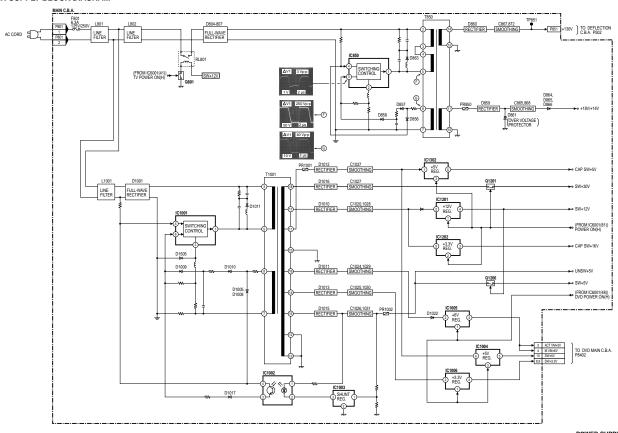
DVD SUB C.B.A. LSEP2187A



DVD MAIN C.B.A. LSUQ0079 DVD SUB C.B.A. LSEP2187A PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

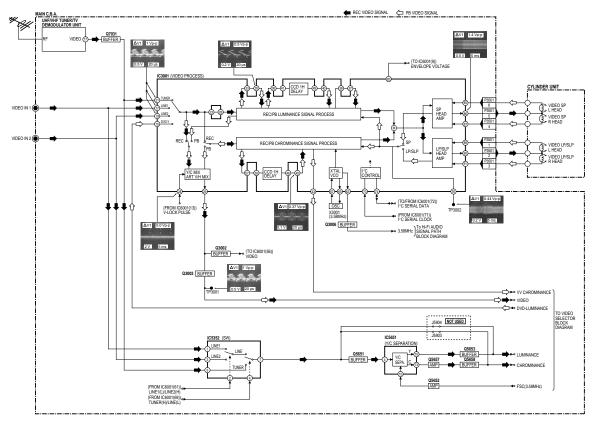
10 BLOCK DIAGRAMS

POWER SUPPLY BLOCK DIAGRAM



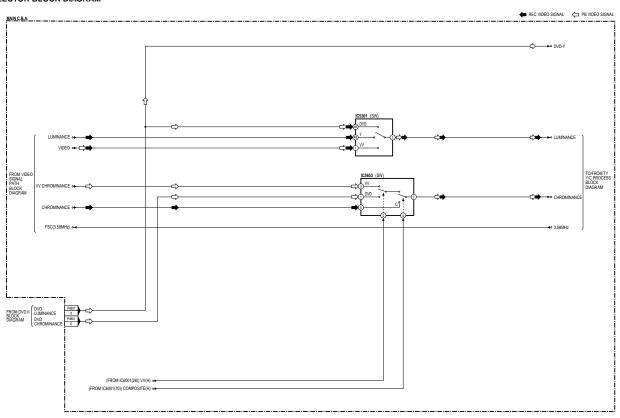
POWER SUPPLY BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF2055/PV-DF2735-K/PV-DF275

VIDEO SIGNAL PATH BLOCK DIAGRAM



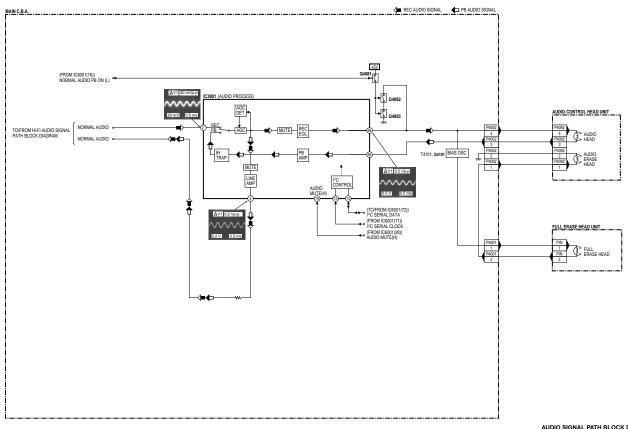
VIDEO SIGNAL PATH BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2755/PV-DF275-K/PV-DF275

VIDEO SELECTOR BLOCK DIAGRAM



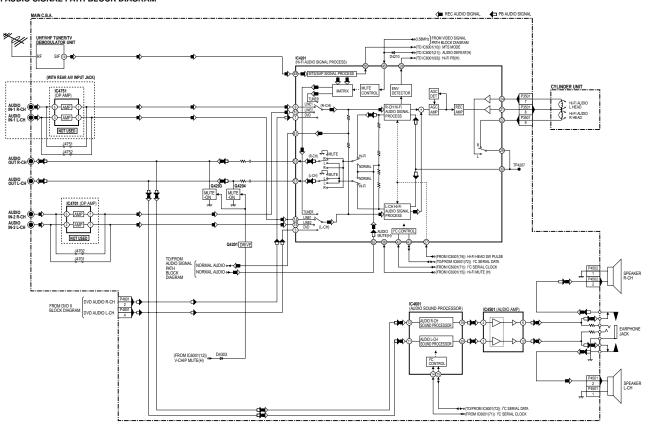
VIDEO SELECTOR BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

AUDIO SIGNAL PATH BLOCK DIAGRAM



AUDIO SIGNAL PATH BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

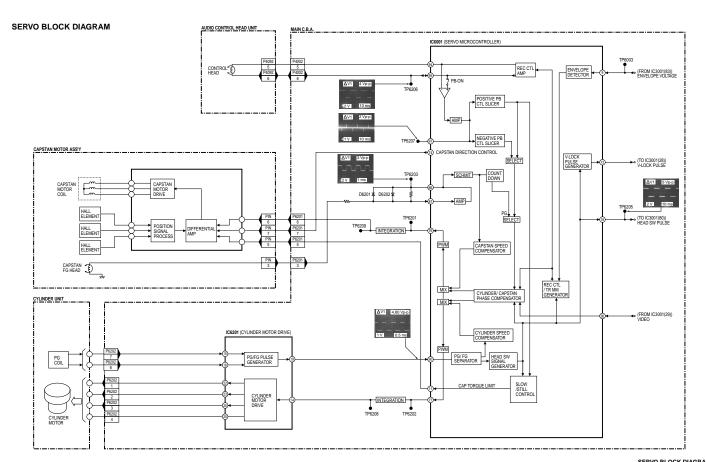
Hi-Fi AUDIO SIGNAL PATH BLOCK DIAGRAM



Hi-Fi AUDIO SIGNAL PATH BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

SYSTEM CONTROL BLOCK DIAGRAM IC6001 (SYSTEM CONTROL MICROCONTROLLE) SW6002 (MODE SELECT SWITCH) MODE SW POSITION A MODE SW POSITION B MODE SW POSITION C LOADING MOTOR REVERSE(H) LOADING MOTOR ₫ ⓓ OPERATION C.B.A. D6301 ★ REC D6304 ★ ON-TIMER UNSW+5V UNSW+5V U6301 IR RECEIVER RESET UHF/VHF TUNER/TV DEMODULATOR UNIT D6009 Q6006 RESET → 30 RESET in SERIAL CLOCK IC6004 (MEMORY) UNSW+5V I'C SERIAL DATA 5 PC SERIAL DATA 6 I'C SERIAL CLOCK I²C SERIAL CLOCK ◆® TAKEUP REEL PULSE ◆⑦ SUPPLY REEL PULSE ◆⑧ TAKEUP PHOTO TR ◆⑦ SUPPLY PHOTO TR (TO/FROM IC5301(44)) (TO/FROM IC3001(74)) PC SERIAL DATA (TO IC5301(43)) PC SERIAL CLOCK PC SERIAL CLOCK (TO/FROM IC4201(43)) PC SERIAL DATA (TO IC4201(42)) PC SERIAL CLOCK UNSW+5V KEY DATA 2 PLAY REW SKIP+ STOP DVD STOP DVD PLAY KEY DATA 1 SW6001 SAFETYTAB SW KEY DATA 0 I IS) SAFETY TAB BROKEN(H) SW+12V DVD READY(L) DVD READY(L) HOST READY(L) HOST READY(L) DVD RESET(L) DVD RESET(L) TO/FROM DVD I BLOCK DIAGRAM DVD SERIAL DATA 0 DVD SERIAL DATA 0 DVD SERIAL DATA 1 DVD SERIAL DATA 1 DVD SERIAL CLOCK DVD SERIAL CLOCK

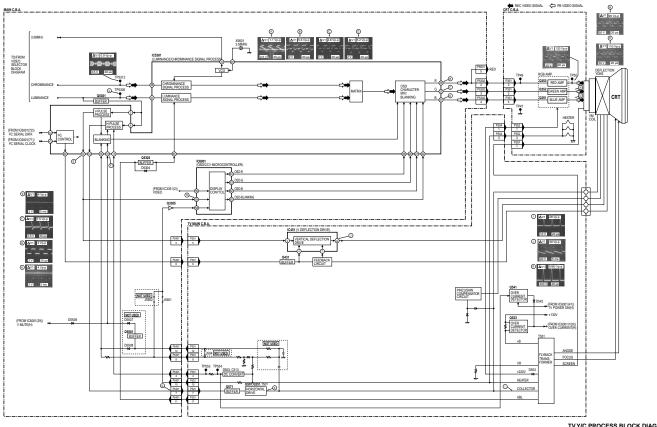
SYSTEM CONTROL BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF2055-K/PV-DF2755-K/PV-DF27-K/PV-DF27-K/PV-DF27-K/PV-DF27-K/PV-DF27-K/PV-DF27



SERVO BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2755-K/PV-DF275

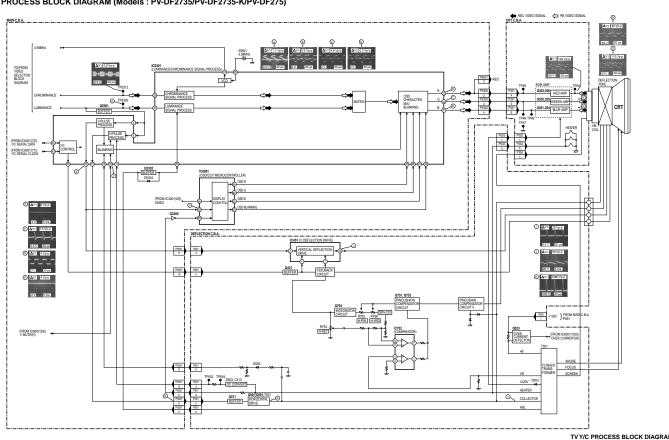
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TV Y/C PROCESS BLOCK DIAGRAM (Models: PV-DF2035/PV-DF2035-K/PV-DF205)



TV Y/C PROCESS BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205

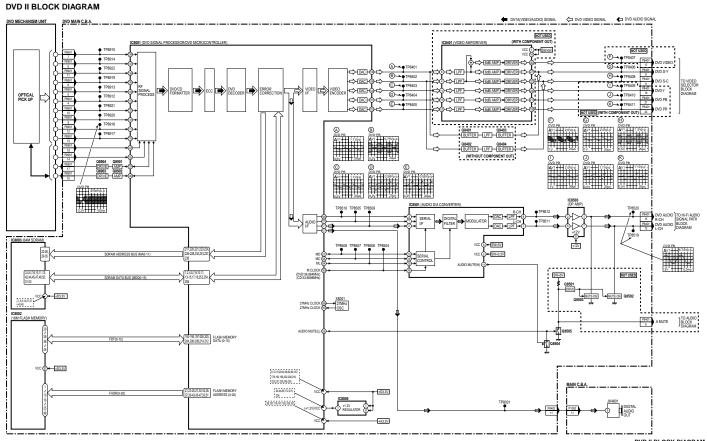
TV Y/C PROCESS BLOCK DIAGRAM (Models: PV-DF2735/PV-DF2735-K/PV-DF275)



TV Y/C PROCESS BLOCK DIAGRAM PV-DF2735/PV-DF2735-K/PV-DF275

PV-DF205 / PV-DF2035 / PV-DF275 / PV-DF2735 / PV-DF2035-K / PV-DF2735-K

DVD I BLOCK DIAGRAM DVD RESET(DVD RESET(L) HOST READY(L) HOST READY(HOST SERIAL DATA HOST SERIAL DAT FG HEAD DVD SERIAL CLOCK OVD SERIAL CLOCK LOADING MOTOR SPINDLE MOTOR TP8807 © TRAVERSE MOTOR TRAVERSE MOTOR DRIV TP8802 FOCUS ACTUATOR TP8804 TRACKING ACTUATOR PC SERIAL DAT



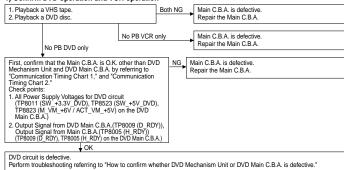
DVD II BLOCK DIAGRAM PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

Troubleshooting Hints

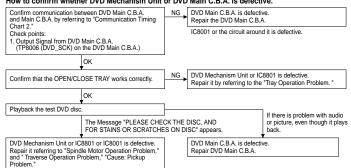
How to confirm whether DVD circuit or other circuits is defective.

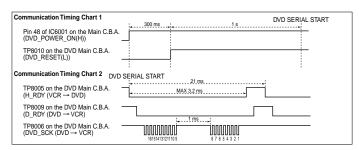
NO IE:
Host communication may not occur correctly between IC6001 on the Main C.B.A. and IC8001 on the DVD Main C.B.A.
when there is a problem on the DVD Main C.B.A.
(Serial Data Communication failure between IC6001 and IC8001 within 30sec. IC6001 will switch automatically to VCR.)
(Check the VCR mode indicator and DVD mode indicator on the Front Light-up Indicators.)
Check the voltage during the 30 seconds during which the unit remains in DVD mode.

1) Confirm DVD operation and VCR operation

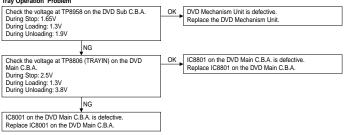


How to confirm whether DVD Mechanism Unit or DVD Main C.B.A. is defective.

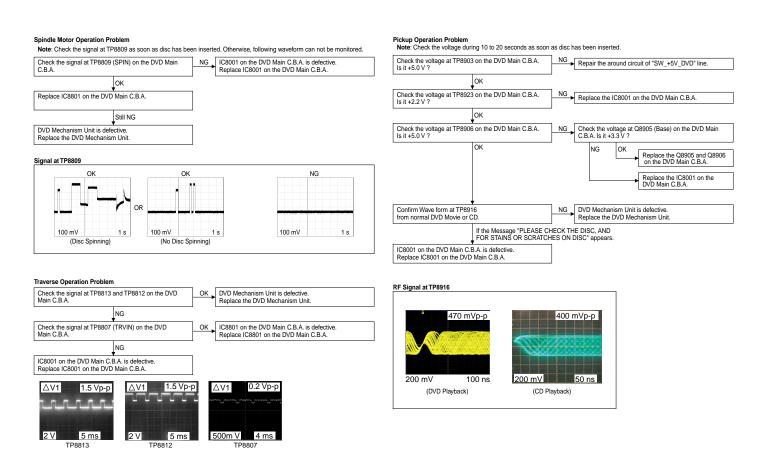




Troubleshooting Hints of DVD Mechanism Unit Tray Operation Problem

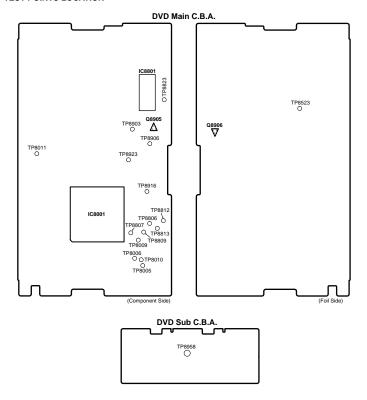


TROUBLESHOOTING HINTS PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735-K/PV-DF275



TROUBLESHOOTING HINTS PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

TEST POINTS LOCATION



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Test Point Information

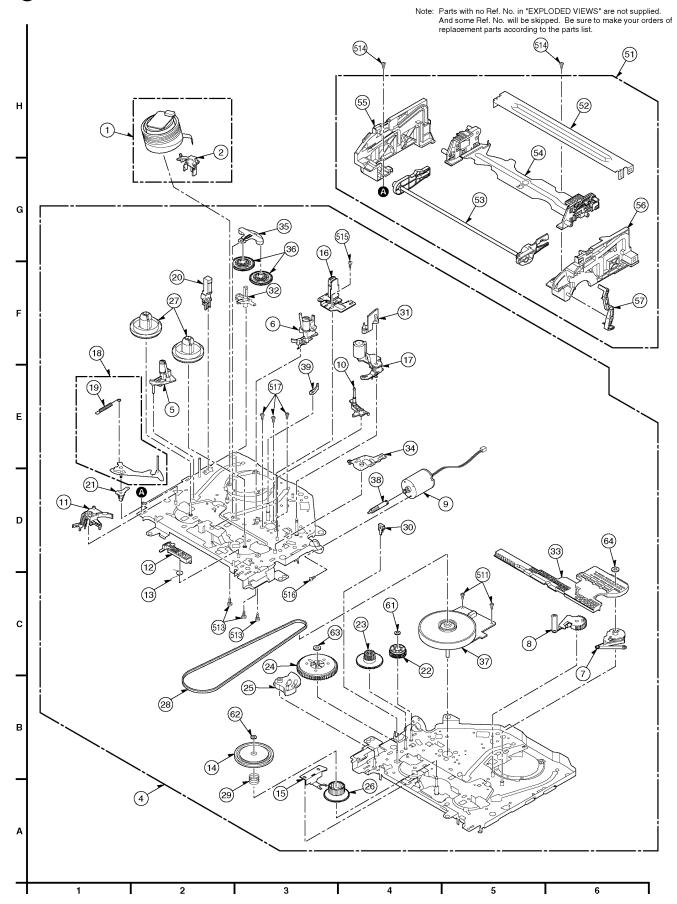
Test Point with a Test Pin.Test Point with no Test Pin.

PV-DF2035/PV-DF2035-K/PV-DF205/PV-DF2735/PV-DF2735-K/PV-DF275

11 EXPLODED VIEWS

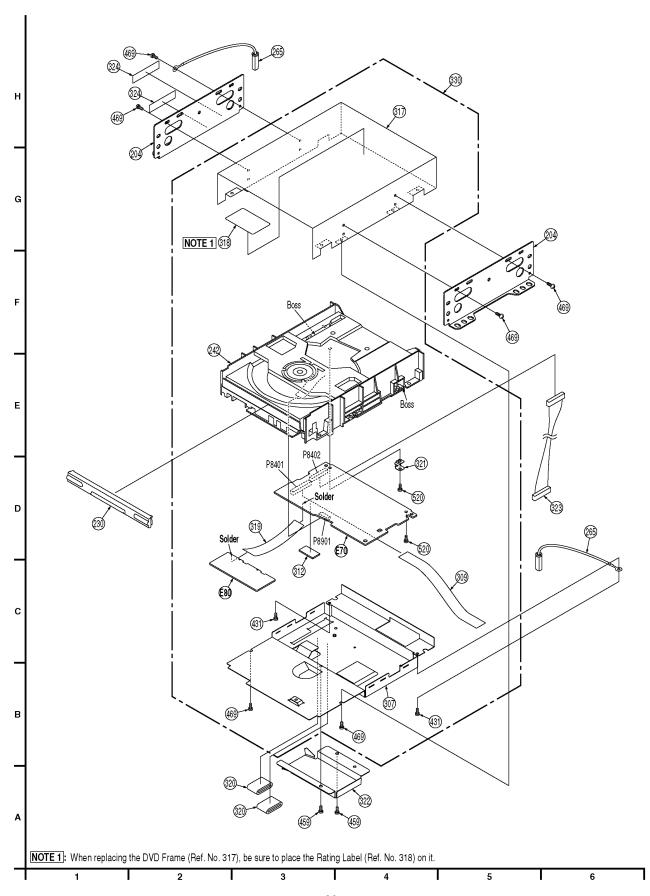
11.1. MECHANISM SECTION

1 MECHANISM SECTION

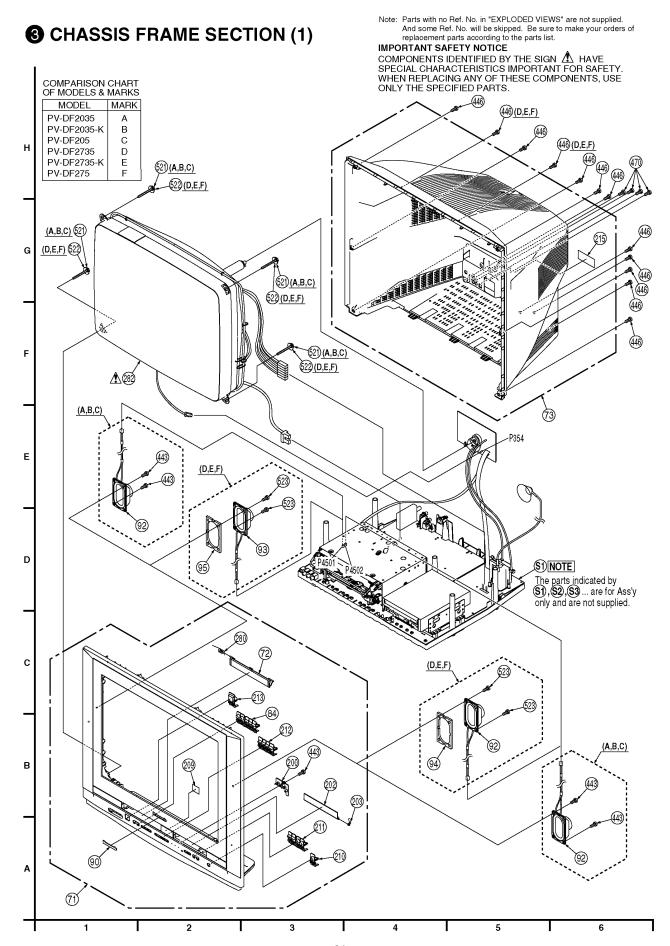


11.2. DVD SECTION

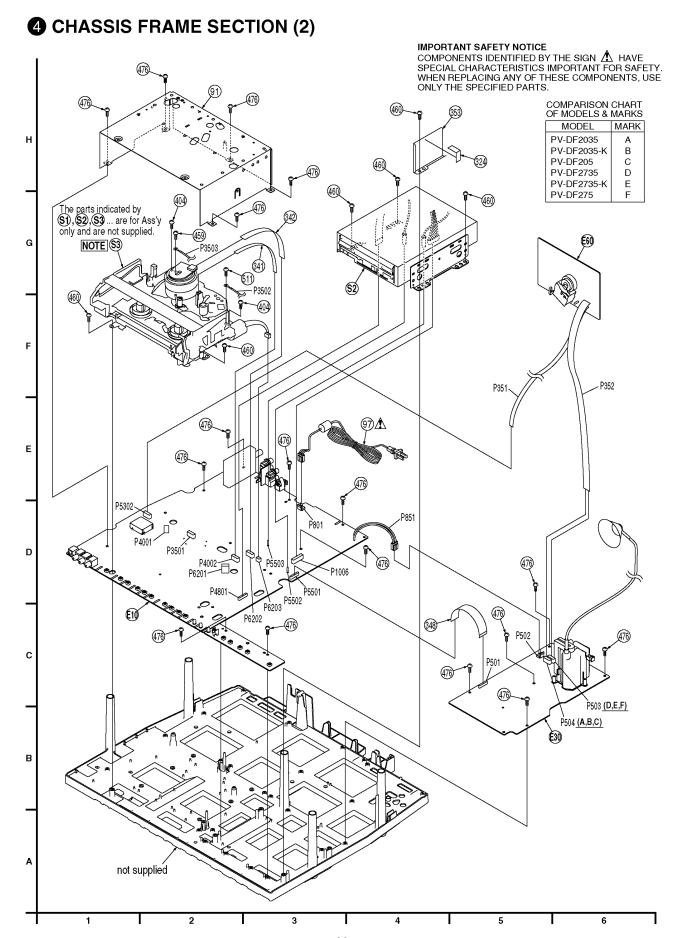
2 DVD SECTION



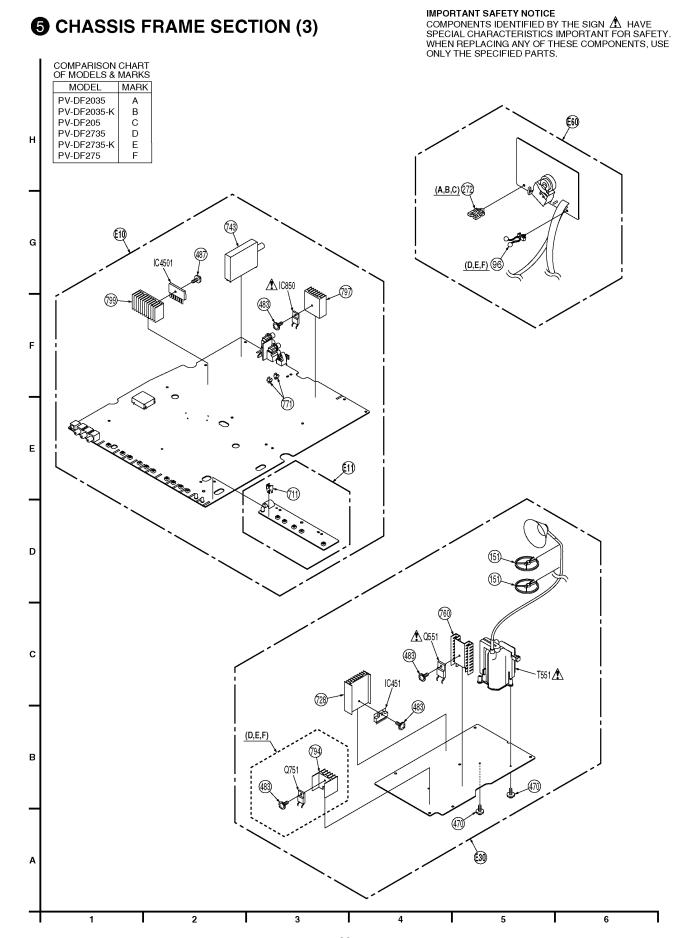
11.3. CHASSIS FRAME SECTION (1)



11.4. CHASSIS FRAME SECTION (2)

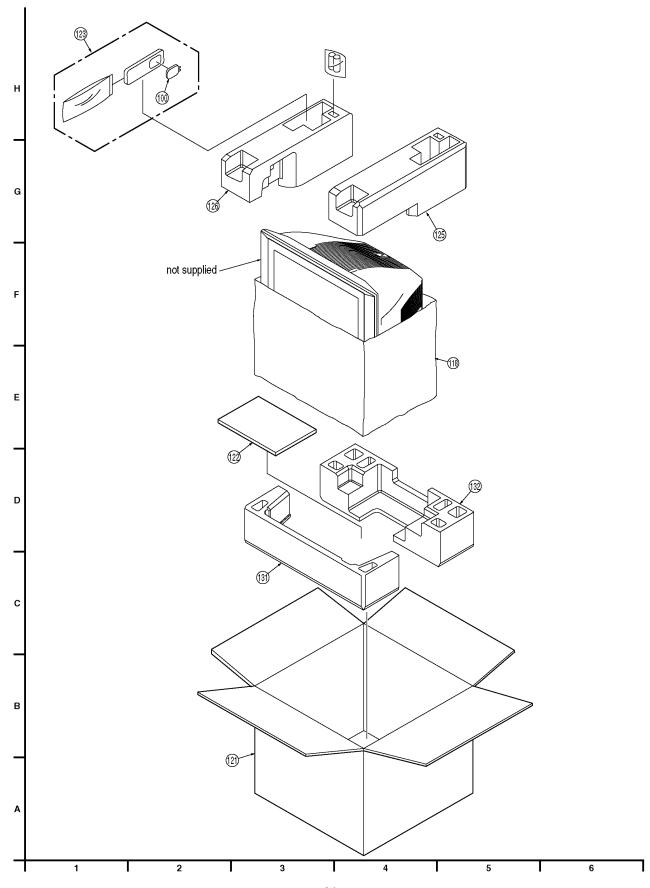


11.5. CHASSIS FRAME SECTION (3)



11.6. PACKING PARTS AND ACCESORIES SECTION

6 PACKING PARTS AND ACCESORIES SECTION



12 REPLACEMENT PARTS LISTS

BEFORE REPLACING PARTS, READ THE FOLLOWING:

12.1. REPLACEMENT NOTES

12.1.1. General Notes

1. Use only original replacement parts:

To maintain original function and reliability of repaired units, use only original replacement parts which are listed with their part numbers in the parts list.

2. IMPORTANT SAFETY NOTICE

Components identified by the sign \triangle have special characteristics important for safety. When replacing any of these components, use only the specified parts.

3. SPECIAL NOTE

All integrated circuits and many other semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "ELECTROSTATICALLY SENSITIVE (ES) DEVICES" section of this service manual.

- 4. Parts with no Ref. No. in "EXPLODED VIEWS" are not supplied. And some Ref. No. will be skipped. Be sure to make your orders of replacement parts according to the parts list.
- 5. Parts different in shape or size may be used. However, only interchangeable parts will be supplied as service replacement parts.
- 6. Definition of Parts supplier:
 - a. Parts with mark "MKE" in the Remarks column are supplied from MKE.
 - b. Parts with mark "MKI" in the Remarks column are supplied from MKI.
 - c. Parts with mark "SPC" in the Remarks column are supplied from Spare Parts Center of Panasonic AVC Company.
 - d. Parts without mark in the Remarks column are supplied from MKA.
- 7. Item numbers with capital letter E (Example: E10, E20,...) in the Ref. No. column are shown in the exploded views.
- 8. Parts whose Ref. Nos. are the same are interchangeable as replacement parts. Any of these parts may be ordered and used as a replacement part.

12.1.2. Mechanical Replacement Notes

- Section No. of parts shown in Exploded Views are indicated in the Remarks column.
- The Mechanical Chassis Sub Ass'y (Ref. No. 4) consists of all the mechanical parts except the Cylinder Unit (Ref. No. 1), and the Cassette Up Ass'y (Ref. No. 51) and Cleaner Arm Unit (Ref. No.3).

After replacing the Mechanical Chassis Sub Ass'y, be sure to perform "TAPE INTERCHANGEABILITY ADJUSTMENT" in Service Manual for R4-Mechanism - Chassis - for - PV-Model (Order No. MKE0401000C1).

 The Infrared Remote Control Unit (Ref. No. 123) replacement part is available as a complete assembly unit only. Do not try to disassemble the Infrared Remote Control Unit. However, the battery cover is available separately as a replacement part.

- 4. When replacing the DVD Frame (Ref. No. 317), be sure to place the Rating Label (Ref. No. 318) on it.
- 5. When replacing the DVD Mechanism Unit (Ref. No. 242) or the DVD Frame (Ref. No. 317), be sure to place the Cabinet Label (Ref. No. 253) on it.

12.1.3. Electrical Replacement Notes

1. Unless otherwise specified;

All resistors are in Ω , K = 1,000 Ω , M = 1,000 k Ω .

2. Abbreviation

RTL: Retention Time Limited

This indicates that the retention time is

limited for this item. After the discontinuation of this item in production, it will no longer be

available.

NR: Non Repairable Board Ass'y

MGF CHIP: Metal Glaze Film Chip

C CHIP: Ceramic Chip

COMPLX CMP: Complex Component
W FLMPRF: Wirewound Flameproof
C.B.A.: Circuit Board Assembly
P.C.B.: Printed Circuit Board

E.S.D.: Electrostatically Sensitive Devices

- 3. When replacing 0 Ω resistor, a wire can be substituted for it.
- 4. Since the UHF/VHF TUNER/TV DEMODULATOR UNIT (Ref. No. 743) has already been pre-adjusted at the factory, do not try to adjust the UHF/VHF TUNER/TV DEMODULATOR UNIT. The UHF/VHF TUNER/TV DEMODULATOR UNIT replacement part is available as a complete assembly unit only.
- 5. EEP ROM IC (IC6004) replacement note:

There are 2 types of EEPROM IC (IC6004) used on the Main C.B.A. (DIP TYPE and SOP TYPE). However, these are same reliability, please refer to "MAIN C.B.A." in CIRCUIT BOARD LAYOUT.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	Е
PV-DF275	F

12.2. MECHANICAL REPLACEMENT PARTS LIST

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	E
PV-DF275	F

Definition of Parts supplier:

- 1. Parts with mark "MKE" in the Remarks column are supplied from MKE.
- 2. Parts with mark "MKI" in the Remarks column are supplied from MKI.
- 3. Parts with mark "SPC" in the Remarks column are supplied from Spare Parts Center of Panasonic AVC Company.
- 4. Parts without mark in the Remarks column are supplied from MKA.

MECHANICAL REPLACEMENT PARTS

Ref. No.	Part No.	Part Name & Description	Remarks
1	LSVD0010	CYLINDER KIT	1
2	VMD4983	FPC HOLDER	1
4	LSXY0543	MECHANICAL CHASSIS SUB ASS'Y	1 RTL
5	VXA7105	SUPPLY SHAFT HOLDER UNIT	1
6	VXA7106	TAKE UP SHAFT HOLDER UNIT	1
7	VXL3107	SUPPLY LOADING ARM UNIT	1
8	VXL3108	TAKE UP LOADING ARM UNIT	1
9	VEM0796	LOADING MOTOR UNIT	1
10	VXL3110	P5 ARM UNIT	1
11	VXL3252	SUPPLY BRAKE ARM UNIT	1
12	VXL3121	TAKE UP BRAKE ARM UNIT	1
13	VMB3548	TAKE UP BRAKE SPRING	1
14	VXP2133	CENTER CLUTH UNIT	1
15	VXL3124	CHANGING LEVER UNIT	1
16	LSEH0012	AC HEAD UNIT	1
17	VXL3109	PINCH ARM UNIT	1
18	VXL3111	TENSION ARM UNIT	1
19	VMB3547	TENSION SPRING	1
20	L1AG00000011	FE HEAD	1
21	VDB1431	TENSION ARM BOSH	1
22	VXP2168	TORQUE CLUTCH UNIT	1
23	VDG1510	INTERMEDIATE GEAR	1
24	VDG1511	MAIN CAM GEAR	1
25	VXA7311	SECTOR GEAR UNIT	1
26	VDG1514	CHANGE GEAR	1
27	VDR0372	REEL TABLE	1
28	VDV0391	CAPSTAN BELT	1
29	VMB3550	CHANGING GEAR SPRING	1
30	VMD4987	WORM BEARING	1
31	VMD4252	OPENER PIECE	1
32	VMD4253	LED PRISM	1
33	VML3624	MAIN LEVER	1
34	VML3626	PINCH CHARGE ARM	1
35	VML3632	IDLER ARM	1
36	VDG1512	IDLER GEAR	1
37	VEM0800	CAPSTAN ASS'Y	1
38	VDG1637	WORM GEAR	1
39	VMX3377	P4 CAP	1

52 V 53 V 54 V 55 V 56 V 57 L 61 V 62 V 63 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L	XA7110 MD4255 MD4985 .SML0367 MX2208 MX3196 MX2699 MX3475 .SYY0240 .SYY0292 .SYY0234 .SYY0236 .SYY0287	CASSETTE UP ASS'Y TOP PLATE MAIN SHAFT UNIT CASSETTE HOLDER UNIT SIDE PLATE L SIDE PLATE R OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,B,D,E) A,B,D,E) CASSETTE DOOR-LID UNIT (C,F	1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3 3
53 V 54 V 55 V 56 V 57 L 61 V 62 V 63 V 71 L 71 L 71 L 72 L 73 L 73 L 73 L	XL3160 XA7110 MD4255 MD4985 SML0367 MX2208 MX3196 MX2699 MX3475 SYY0240 SYY0292 SYY0292 SYY0234 SYY0287 SYY0286	MAIN SHAFT UNIT CASSETTE HOLDER UNIT SIDE PLATE L SIDE PLATE R OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 1 1 1 1 1 1 1 3 3 3 3
54 V 55 V 56 V 57 L 61 V 62 V 63 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L	XA7110 MD4255 MD4985 SML0367 MX2208 MX3196 MX2699 MX3475 SYY0240 SYY0292 SYY0234 SYY0287 SYY0236 SYY0289	CASSETTE HOLDER UNIT SIDE PLATE L SIDE PLATE R OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 1 1 1 1 1 1 3 3 3 3
55 V 56 V 57 L 61 V 62 V 63 V 64 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L	MD4255 MD4985 .SML0367 MX2208 MX3196 MX2699 MX3475 .SYY0240 .SYY0292 .SYY0234 .SYY0236 .SYY0236	SIDE PLATE L SIDE PLATE R OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 1 1 1 1 1 3 3 3 3
56 V 57 L 61 V 62 V 63 V 64 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L	MD4985 .SML0367 MX2208 MX3196 MX2699 MX3475 .SYY0240 .SYY0292 .SYY0234 .SYY0236 .SYY0236 .SYY0289	SIDE PLATE R OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS Y (A,B) FRONT CABINET ASS Y (D,E) FRONT CABINET ASS Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 1 1 1 1 3 3 3 3
57 L 61 V 62 V 63 V 64 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L	SML0367 MX2208 MX3196 MX2699 MX3475 SYY0240 SYY0292 SYY0234 SYY0236 SYY0236 SYY0236	OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS Y (A,B) FRONT CABINET ASS Y (D,E) FRONT CABINET ASS Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 1 1 1 3 3 3 3
57 L 61 V 62 V 63 V 64 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L	SML0367 MX2208 MX3196 MX2699 MX3475 SYY0240 SYY0292 SYY0234 SYY0236 SYY0236 SYY0236	OPENER LEVER 2 CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS Y (A,B) FRONT CABINET ASS Y (D,E) FRONT CABINET ASS Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 1 1 3 3 3 3
61 V 62 V 63 V 64 V 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L	MX2208 MX3196 MX2699 MX3475 SYY0240 SYY0292 SYY0234 SYY0287 SYY0236 SYY0289	CUT WASHER, STEEL CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 3 3 3 3
62 V 63 V 64 V 71 L 71 L 71 L 72 L 73 L 73 L 73 L 73 L	MX3196 MX2699 MX3475 SYY0240 SYY0292 SYY0234 SYY0287 SYY0236 SYY0289	CUT WASHER, STEEL CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 3 3 3 3
63 V 64 V 71 L 71 L 71 L 71 L 72 L 73 L 73 L 73 L 73 L	MX2699 MX3475 .SYY0240 .SYY0292 .SYY0234 .SYY0287 .SYY0236 .SYY0289	CUT WASHER, STEEL SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (C) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 1 3 3 3 3
64 V 71 L 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L	MX3475 SYY0240 SYY0292 SYY0234 SYY0287 SYY0236 SYY0289	SNAP WASHER FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (C) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	1 3 3 3 3
71 L 71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L	SYY0240 SYY0292 SYY0234 SYY0287 SYY0236 SYY0289	FRONT CABINET ASS'Y (A,B) FRONT CABINET ASS'Y (C) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	3 3 3
71 L 71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L 73 L	SYY0292 SYY0234 SYY0287 SYY0236 SYY0289	FRONT CABINET ASS'Y (C) FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	3 3
71 L 71 L 72 L 72 L 73 L 73 L 73 L 73 L 73 L	SYY0234 SYY0287 SYY0236	FRONT CABINET ASS'Y (D,E) FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	3
71 L 72 L 72 L 73 L 73 L 73 L 73 L 73 L	SYY0287 SYY0236 SYY0289	FRONT CABINET ASS'Y (F) CASSETTE DOOR-LID UNIT (A,B,D,E)	3
72 L 72 L 73 L 73 L 73 L 73 L 73 L	SYY0236 SYY0289	CASSETTE DOOR-LID UNIT (A,B,D,E)	
72 L 73 L 73 L 73 L 73 L	SYY0289	A,B,D,E)	3
73 L 73 L 73 L 73 L		CASSETTE DOOR-LID UNIT (C,F)	_
73 L 73 L 73 L	SYY0242		
73 L		REAR COVER UNIT (A,C)	3
73 L		REAR COVER UNIT (B)	3
	SYY0237	REAR COVER UNIT (D,F)	3
	SYY0279	REAR COVER UNIT (E)	3
84 L	SGU0655	2-3 BUTTON (A,B,D,E)	3
84 L	SGU0683	2-3 BUTTON (C,F)	3
90 T	BM4G3013	BADGE, ABS RESIN	3
91 L	SXA0674	TOP SHIELD PLATE ASS'Y (A,B,C)	4
91 L	SXA0673	TOP SHIELD PLATE ASS'Y (D,E,F)	4
92 L	SXY0821	SPEAKER UNIT (A,B,C)	3
92 L	SXY0819	SPEAKER UNIT (D,E,F)	3
93 L	SXY0881	SPEAKER UNIT (D,E,F)	3
	SMG0157	SPEAKER CUSHION L (D,E,F)	3
		SPEAKER CUSHION R (D,E,F)	3
		CLAMPER	5
		AC CORD W/PLUG,120V	4 \Lambda
			6
		BATTERY COVER	_
		BAG, POLYETHYLENE (A,B,C)	6
		BAG, POLYETHYLENE (D,E,F)	
		PACKING CASE, PAPER (A, B)	6
		PACKING CASE, PAPER (C)	6
		PACKING CASE, PAPER (D,E)	6
		PACKING CASE, PAPER (F)	6
122 L		FAN BAG (A,D)	6
122 L	SQF0939	FAN BAG (B,E)	6
122 L	SQF0941	FAN BAG (C,F)	6
123 E	UR7724020R	<pre>INFRARED REMOTE CONTROL UNIT (A,B,D,E)</pre>	6
123 E	UR7724030R	<pre>INFRARED REMOTE CONTROL UNIT (C,F)</pre>	6
125 L	SPN0554	TOP CUSHION RIGHT, STYROFOAM (A,B,C)	6
125 L	SPN0550	TOP CUSHION RIGHT, STYROFOAM (D,E,F)	6
126			6
126 L		A,B,C)	i l
	SPN0549	A,B,C) TOP CUSHION LEFT,STYROFOAM (D,E,F)	6
126 L	SPN0549	TOP CUSHION LEFT,STYROFOAM (D,E,F) BOTTOM CUSHION	
126 L	SPN0549 SPN0555	TOP CUSHION LEFT,STYROFOAM (D,E,F) BOTTOM CUSHION FRONT,STYROFOAM (A,B,C) BOTTOM CUSHION	6
126 L 131 L 131 L	SPN0549 SPN0555 SPN0551	TOP CUSHION LEFT,STYROFOAM (D,E,F) BOTTOM CUSHION FRONT,STYROFOAM (A,B,C) BOTTOM CUSHION FRONT,STYROFOAM (D,E,F) BOTTOM CUSHION REAR,STYROFOAM	6
126 L 131 L 131 L	SPN0549 SPN0555 SPN0551	TOP CUSHION LEFT, STYROFOAM (D,E,F) BOTTOM CUSHION FRONT, STYROFOAM (A,B,C) BOTTOM CUSHION FRONT, STYROFOAM (D,E,F) BOTTOM CUSHION REAR, STYROFOAM (A,B,C) BOTTOM CUSHION REAR, STYROFOAM (A,B,C)	6
126 L 131 L 131 L 132 L 132 L	SPN0549 SPN0555 SPN0551 SPN0556 SPN0552	TOP CUSHION LEFT, STYROFOAM (D,E,F) BOTTOM CUSHION FRONT, STYROFOAM (A,B,C) BOTTOM CUSHION FRONT, STYROFOAM (D,E,F) BOTTOM CUSHION REAR, STYROFOAM (A,B,C) BOTTOM CUSHION REAR, STYROFOAM (D,E,F)	6 6
126 L 131 L 131 L 132 L 132 L 151 T	SPN0549 SPN0555 SPN0551 SPN0556 SPN0552 MM77408	TOP CUSHION LEFT, STYROFOAM (D,E,F) BOTTOM CUSHION FRONT, STYROFOAM (A,B,C) BOTTOM CUSHION FRONT, STYROFOAM (D,E,F) BOTTOM CUSHION REAR, STYROFOAM (A,B,C) BOTTOM CUSHION REAR, STYROFOAM (D,E,F) CLAMPER	6 6 6 5
126 L 131 L 131 L 132 L 132 L 132 L 151 T 200 L	SPN0549 SPN0555 SPN0551 SPN0556 SPN0552 MM77408 SGL0420 SKF0605	TOP CUSHION LEFT,STYROFOAM (D,E,F) BOTTOM CUSHION FRONT,STYROFOAM (A,B,C) BOTTOM CUSHION FRONT,STYROFOAM (D,E,F) BOTTOM CUSHION REAR,STYROFOAM (A,B,C) BOTTOM CUSHION REAR,STYROFOAM (D,E,F) CLAMPER PANEL LIGHT DVD DISK DOOR-LID UNIT (6 6
126 L 131 L 131 L 132 L 132 L 132 L 151 T 200 L 202 L	SPN0549 SPN0555 SPN0551 SPN0556 SPN0552 MM77408 SGL0420 SKF0605	TOP CUSHION LEFT, STYROFOAM (D,E,F) BOTTOM CUSHION FRONT, STYROFOAM (A,B,C) BOTTOM CUSHION FRONT, STYROFOAM (D,E,F) BOTTOM CUSHION REAR, STYROFOAM (A,B,C) BOTTOM CUSHION REAR, STYROFOAM (D,E,F) CLAMPER PANEL LIGHT DVD DISK DOOR-LID UNIT (A,B,D,E) DVD DISK DOOR-LID UNIT (C,F	6 6 6 5 3
126 L 131 L 131 L 132 L 132 L 132 L 151 T 200 L 202 L	SPN0549 SPN0555 SPN0551 SPN0556 SPN0552 MM77408 SGL0420 SKF0605	TOP CUSHION LEFT, STYROFOAM (D,E,F) BOTTOM CUSHION FRONT, STYROFOAM (A,B,C) BOTTOM CUSHION FRONT, STYROFOAM (D,E,F) BOTTOM CUSHION REAR, STYROFOAM (A,B,C) BOTTOM CUSHION REAR, STYROFOAM (D,E,F) CLAMPER PANEL LIGHT DVD DISK DOOR-LID UNIT (A,B,D,E) DVD DISK DOOR-LID UNIT (C,F	6 6 6 5 3 3
126 L 131 L 131 L 132 L 132 L 132 L 200 L 202 L 202 L	SPN0549 SPN0555 SPN0551 SPN0556 SPN0552 MM77408 SGL0420 SKF0605 SKF0629 SMB0170	TOP CUSHION LEFT, STYROFOAM (D,E,F) BOTTOM CUSHION FRONT, STYROFOAM (A,B,C) BOTTOM CUSHION FRONT, STYROFOAM (D,E,F) BOTTOM CUSHION REAR, STYROFOAM (A,B,C) BOTTOM CUSHION REAR, STYROFOAM (D,E,F) CLAMPER PANEL LIGHT DVD DISK DOOR-LID UNIT (A,B,D,E) DVD DISK DOOR-LID UNIT (C,F	6 6 6 5 3

PV-DF205 / PV-DF2035 / PV-DF275 / PV-DF2735 / PV-DF2035-K / PV-DF2735-K
1 V-D1 2037 1 V-D1 2033 7 1 V-D1 2737 1 V-D1 2033-1(7 1 V-D1 2733-1(

Ref. No.	Part No.	Part Name & Description	Remarks
E11	LSEP2219A	OPERATION C.B.A.	5 RTL
E30	LSEP2218B	DEFLECTION C.B.A. (A,B,C)	4,5 RTL
E30	LSEP2218A	DEFLECTION C.B.A. (D,E,F)	4,5 RTL
E60	LRP63022F	CRT C.B.A. (A,B,C)	4,5 RTL
E60	LSEP2079D	CRT C.B.A. (D,E,F)	4,5 RTL
E70	LSUQ0079	DVD MAIN C.B.A.	2 RTL
E80	LSEP2187A	DVD SUB C.B.A.	2 RTL MKI

SERVICE FIXTURES AND TOOLS

Ref.	Part No. Part Name & Description		Remarks
NO.			
	VFMS0003H6	VHS ALIGNMENT TAPE	MKE
	VFKS0081	GREASE	MKE
	VFK0329	POST ADJUSTMENT DRIVER	MKE
	VFK27	HEAD CLEANING STICK	MKE
	VFK0330	H-POSITION ADJUSTMENT DRIVER	MKE
	VFK1301	SILICONE GREASE	MKE
	DVDT-S01	DVD TEST DISC	SPC
	DVDT-S15	DVD TEST DISC	SPC
	LSUA0047	EXTENSION CABLE 13P	MKE
	LSUA0048	EXTENSION CABLE 16P	MKE

No.	Part No.	Part Name & Description	Remark
210	LSGU0657	OPEN BUTTON L (A,B)	3
210	LSGU0684	OPEN BUTTON L (C)	3
210	LSGU0670	OPEN BUTTON H (D,E)	3
210	LSGU0688	OPEN BUTTON H (F)	3
211	LSGU0666	2-2 BUTTON (A,B,D,E)	3
211	LSGU0686	2-2 BUTTON (C,F)	3
212	LSGU0668	4 BUTTON (A,B,D,E)	3
212	LSGU0687		3
213	+	4 BUTTON (C,F)	3
	LSGU0661	POWER BUTTON (A,B,D,E)	
213	LSGU0685	POWER BUTTON (C,F)	3
215	LSQL1623	DOLBY & DTS CAUTION LABEL	3
230	LSGP0381	TRAY COVER	2
242	LSXK0227	DVD UNIT	2 MKI
265	VEKS9427	GROUNDING CABLE W/PLUG	2
272	TMM77412	CLAMPER	5
280	LSMB0230	CASSETTE DOOR SPRING	3
282	LSEQ0768	COLOR PICTURE TUBE UNIT (з \Lambda
282	LSEQ0766	A,B,C)	3 🐧
202	LSEQU/00	D,E,F)	3 7.13
307	LSMA0717	SHIELD CASE A	2 MKI
309	LSJW0097	FLEXIBLE FLAT CABLE W/OUT	2 MKI
210	T 30070 0 2 0	PLUG	2 2000
312	LMMY0030	HEAT SHEET,SI	2 MKI
317	LMMK0201	DVD FRAME	2 MKI
318	LSQL1857	RATING LABEL	2 MKI
319	LSJW0091	FLEXIBLE FLAT CABLE W/OUT PLUG	2 MKI
320	J0KD00000094	FILTER FOR EMI / EMC (CORES)	2
321	LSJR0011	DVD GROUNDING PLATE	2 MKI
322	LSSC0780	FFC SHIELD CASE	2
323	VEKS9480-FE	CONNECTOR CABLE W/PLUG	2
	+		
324	LSMF0343	SHEET	2,4
330	LSVQ0089	DVD BLOCK UNIT	2 MKI
341	LSJW0060	FLEXIBLE FLAT CABLE W/OUT PLUG	4
342	LSJW0061	FLEXIBLE FLAT CABLE W/OUT PLUG	4
348	LSJW0092	FLEXIBLE FLAT CABLE W/OUT PLUG	4
353	LSSC0794	SHIELD PLATE	4
404	VHDS0472-FJ	SCREW, STEEL	4
431	XTV26+6FFJ	SCREW, STEEL	2 MKI
443	XTV4+12AFJ	TAPPING SCREW, STEEL	3
	LALL V T T T AMP U	TAPPING SCREW, STEEL TAPPING SCREW, STEEL	, J
	VTX/4:16377	THE PLANT OF REW STREET.	2
446	XTV4+16AFJ		3
446 459	XTV3+5FFJ	TAPPING SCREW, STEEL	2,4
446	1		
446 459	XTV3+5FFJ	TAPPING SCREW, STEEL	2,4
446 459 460	XTV3+5FFJ XTN4+12AFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL	2,4
446 459 460 469	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL	2,4
446 459 460 469	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL	2,4 4 2 3,5
446 459 460 469 470	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL	2,4 4 2 3,5 4
446 459 460 469 470 476 483 487	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL	2,4 4 2 3,5 4 5
446 459 460 469 470 476 483 487 511	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL	2,4 4 2 3,5 4 5 5
446 459 460 469 470 476 483 487 511	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW, STEEL SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4
446 459 460 469 470 476 483 487 511 513	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4 1
446 459 460 469 470 476 483 487 511 513 514	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4 1 1
446 459 460 469 470 476 483 487 511 513 514 515	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL	2,4 4 2 3,5 5 5 1,4 1 1 1
446 459 460 469 470 476 483	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4 1 1
446 459 460 469 470 476 483 487 511 513 514 515 516	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW W/WASHER, STEEL	2,4 4 2 3,5 5 5 1,4 1 1 1
446 459 460 469 470 476 483 487 511 513 514 515	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4 1 1 1
446 459 460 469 470 476 483 487 511 513 514 515 516 517	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ XTV26+6JFJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 1 2 MKI
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ XTV26+6JFJ LHT60002Y-FJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW W/WASHER, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D, E, F) TAPPING SCREW, STEEL (D, E, F)	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D, E, F) TAPPING SCREW, STEEL (D, E, F) INFRARED RECEIVER UNIT	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 3
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D, E, F) TAPPING SCREW, STEEL (D, E, F) INFRARED RECEIVER UNIT HEAT SINK (A, B, C)	2,4 4 2 3,5 4 5 5 1,4 1 1 1 2 MKI 3 3 3 5 5
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL CREW, ST	2,4 4 2 3,5 4 5 5 1,4 1 1 1 2 MKI 3 3 5 5 5 5
446 4459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) INFRARED RECEIVER UNIT HEAT SINK (A,B,C) HEAT SINK (D,E,F) TUNER, UHF/VHF NR	2,4 4 2 3,5 4 5 5 1,4 1 1 1 2 MKI 3 3 5 5 5 5 5
446 4469 4460 4470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743 760	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTV26+7JFJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002 TUC77628	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) INFRARED RECEIVER UNIT HEAT SINK (A,B,C) HEAT SINK (D,E,F) TUNER, UHF/VHF NR HEAT SINK	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 5 5 5 5 5 5 5
446 4459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTN26+7JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) INFRARED RECEIVER UNIT HEAT SINK (A,B,C) HEAT SINK (D,E,F) TUNER, UHF/VHF NR	2,4 4 2 3,5 4 5 5 1,4 1 1 1 2 MKI 3 3 5 5 5 5 5
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743 760 771	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTV26+7JFJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002 TUC77628	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) INFRARED RECEIVER UNIT HEAT SINK (A,B,C) HEAT SINK (D,E,F) TUNER, UHF/VHF NR HEAT SINK	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 5 5 5 5 5 5 5
446 4469 4460 4470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743 760	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002 TUC77628 EYF52BCY	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) INFRARED RECEIVER UNIT HEAT SINK (A,B,C) HEAT SINK (D,E,F) TUNER, UHF/VHF NR HEAT SINK FUSE HOLDER	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 3 5 5 5 5 5 5
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743 760 771 794	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002 TUC77628 EYF52BCY TUC15776	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL CREW, STEEL SCREW, STEEL SCREW, STEEL CREW, STEEL SCREW, STEEL SCREW, STEEL SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) THEAT SINK (A,B,C) HEAT SINK FUSE HOLDER HEAT SINK (D,E,F) HEAT SINK (D,E,F) HEAT SINK (A,B,C)	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 3 5 5 5 5 5 5 5
446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 523 711 728 728 743 760 771 794	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002 TUC77628 EYF52BCY TUC15776 LSSC0529	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) TAPPING SCREW, STEEL (D,E,F) INFRARED RECEIVER UNIT HEAT SINK (A,B,C) HEAT SINK (D,E,F) TUNER, UHF/VHF NR HEAT SINK FUSE HOLDER HEAT SINK (D,E,F)	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 3 5 5 5 5 5 5 5 5 5
4446 459 460 469 470 476 483 487 511 513 514 515 516 517 520 521 522 728 728 743 760 771 794	XTV3+5FFJ XTN4+12AFJ XSN3+6FJ XTV3+10GFJ XTV3+12GFJ XYN3+F10FJ XYN3+F10FJ XYN3+J8FJ XTV26+5FFJ VHD1117 XTV26+8FFJ VHD1044 XYN3+C4FJ XTV26+6JFJ LHT60002Y-FJ LHT60003Y-FJ XTW3+15QFN PNA4611M00HC LUS63008A LSSC0254 J3AAABB00002 TUC77628 EYF52BCY TUC15776 LSSC0529 LSSC0562	TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL TAPPING SCREW, STEEL SCREW W/WASHER, STEEL SCREW W/WASHER, STEEL TAPPING SCREW, STEEL SCREW, STEEL TAPPING SCREW, STEEL CREW, STEEL SCREW, STEEL SCREW, STEEL CREW, STEEL SCREW, S	2,4 4 2 3,5 4 5 5 1,4 1 1 1 1 2 MKI 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5

12.3. ELECTRICAL REPLACEMENT PARTS LIST

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	E
PV-DF275	F

Definition of Parts supplier:

- 1. Parts with mark "MKI" in the Remarks column are supplied from MKI.
- 2. Parts without mark in the Remarks column are supplied from MKA.

PRINTED CIRCUIT BOARD ASSEMBLY

	PRINTED	CIRCUIT BOARD ASSEMBLY	
Ref. No.	Part No.	Part Name & Description	Remarks
E10	LSEP2217B	MAIN C.B.A. (A,B,C)	E.S.D. RTL
E10	LSEP2217A	MAIN C.B.A. (D,E,F)	E.S.D. RTL
E11	LSEP2219A	OPERATION C.B.A.	RTL
E30	LSEP2218B	DEFLECTION C.B.A. (A,B,C)	RTL
E30	LSEP2218A	DEFLECTION C.B.A. (D,E,F)	RTL
E60	LRP63022F	CRT C.B.A. (A,B,C)	RTL
E60	LSEP2079D	CRT C.B.A. (D,E,F)	RTL
E70	LSUQ0079	DVD MAIN C.B.A.	E.S.D. RTL MKI
E80	LSEP2187A	DVD SUB C.B.A.	RTL MKI

12.3.1. MAIN C.B.A.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	E
PV-DF275	F

INTEGRATED CIRCUITS

Ref.	Part No.	Part Name & Description	Remarks
No.			
IC850	C5HABZZ00109	IC, LINEAR (A,B,C)	\triangle
IC850	C5HABZZ00110	IC, LINEAR (D,E,F)	\triangle
IC1001	C5HABZZ00132	IC, LINEAR	\triangle
IC1002	CNC1S101R1KT	IC, LINEAR	⚠
or	CNC1S101S1KT	IC, LINEAR	\triangle
IC1002			
IC1003	C0DAEMB00004	IC, LINEAR	
IC1004	C0CBCDD00012	IC, LINEAR	
IC1005	C0DBZHG00012	IC, LINEAR	
IC1006	C0DBZGG00010	IC, LINEAR	
IC1201	C0DBZJG00006	IC, LINEAR	
IC1202	C0DAZKH00002	IC, LINEAR	

Ref.	Part No.	Part Name & Description	Remarks
No.		_	
IC1301	C0DBZJG00007	IC, LINEAR	
IC1302	C0CBCDC00052	IC, LINEAR	
IC3001	C1AB00002002	IC, LINEAR	
IC4201	AN3663FBP-V	IC, LINEAR	
IC4501	C1BA00000367	IC, LIENAR	
IC4601	C1BB00000815	IC, LINEAR	
IC5301	AN15167A-VT	IC, LINEAR	
IC5352	C1AB00001682	IC, LINEAR	
or	C1AB00001519	IC, LINEAR	
IC5352			
IC5651	C1AB00002241	IC, LINEAR	
IC5653	C1AB00001777	IC, LINEAR	
IC6001	C2CBJG000551	IC, 16BIT MICROCONTROLLER	E.S.D.
IC6002	B3NAA0000049	PHOTO INTERRUPUTER	
IC6003	B3NAA0000049	PHOTO INTERRUPUTER	
IC6004	LSSK0063	IC, 2K EEP ROM	E.S.D.
IC6005	C0EBJ0000080	IC, CMOS STANDARD LOGIC	E.S.D.
or	C0EBJ0000099	IC, CMOS STADNARD LOGIC	E.S.D.
IC6005			
or	C0EBJ0000236	IC, CMOS STANDARD LOGIC	E.S.D.
IC6005			
IC6201	C1AB00001767	IC, LINEAR	

		TRANSISTORS	
Ref. No.	Part No.	Part Name & Description	Remarks
Q591	2SC3311AHA	TRANSISTOR SI NPN	
Q801	2SC3311ARA	TRANSISTOR SI NPN	
Q1201	XP0431100L	TRANSISTOR COMPLX CMP SI NPN/PNP CHIP	
Q1206	B1BADC00001	TRANSISTOR SI NPN	
Q3001	UNR221300L	TRANSISTOR SI NPN CHIP	
or Q3001	B1GBCFNN0004	TRANSISTOR SI NPN CHIP	
Q3002	2SD0601A0L	TRANSISTOR SI NPN CHIP	
or Q3002	B1ABCC000004	TRANSISTOR SI NPN CHIP	
or Q3002	B1ABCF000011	TRANSISTOR SI NPN CHIP	
or Q3002	B1ABCF000106	TRANSISTOR SI NPN CHIP	
Q3003	2SB0709A0L	TRANSISTOR SI PNP CHIP	
or Q3003	B1ADCC000004	TRANSISTOR SI PNP CHIP	
or Q3003	B1ADCF000001	TRANSISTOR SI PNP CHIP	
or Q3003	B1ADCF000077	TRANSISTOR SI PNP CHIP	
Q3005	UNR221100L	TRANSISTOR SI NPN CHIP	
or Q3005	B1GBCFJJ0002	TRANSISTOR SI NPN CHIP	
Q3006	2SD1819A0L	TRANSISTOR SI NPN CHIP	
or Q3006	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q3305	2SD1819A0L	TRANSISTOR SI NPN CHIP	
or Q3305	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q4081	UNR211100L	TRANSISTOR SI PNP CHIP	
or Q4081	B1GDCFJJ0002	TRANSISTOR SI PNP CHIP	
Q4082	2SD1819AHL	TRANSISTOR SI NPN CHIP	
or Q4082	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q4083	2SD1819AHL	TRANSISTOR SI NPN CHIP	
or Q4083	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q4101	2SD0601ARL	TRANSISTOR SI NPN CHIP	
Q4201	UNR511500L	TRANSISTOR SI PNP CHIP	
or Q4201	B1GDCFJA0017	TRANSISTOR SI PNP CHIP	
or Q4201	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	
Q4203	2SD132800L	TRANSISTOR SI NPN CHIP	
Q4204	2SD132800L	TRANSISTOR SI NPN CHIP	
Q5301	2SB1218A0L	TRANSISTOR SI PNP CHIP	
or Q5301	B1ADCF000063	TRANSISTOR SI PNP CHIP	

Ref.	Part No.	Part Name & Description	Remarks
or	B1ADCF000075	TRANSISTOR SI PNP CHIP	
Q5301 Q5302	2SD1819A0L	TRANSISTOR SI NPN CHIP	
or	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q5302	0.001.01.03.07	TRANSPORT OF THE OWN	
Q5651 or	2SB1218A0L B1ADCF000063	TRANSISTOR SI PNP CHIP TRANSISTOR SI PNP CHIP	
Q5651	2222020000		
or Q5651	B1ADCF000075	TRANSISTOR SI PNP CHIP	
Q5652	2SD1819A0L	TRANSISTOR SI NPN CHIP	
or Q5652	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q5653	2SB1218A0L	TRANSISTOR SI PNP CHIP	
or Q5653	B1ADCF000063	TRANSISTOR SI PNP CHIP	
or Q5653	B1ADCF000075	TRANSISTOR SI PNP CHIP	
Q5657	2SD1819A0L	TRANSISTOR SI NPN CHIP	
or Q5657	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q5658	2SD1819A0L	TRANSISTOR SI NPN CHIP	+
or	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q5658 Q5659	UNR221200L	TRANSTSTOR ST NDN CUTD	+
Q5659 or	B1GBCFLL0002	TRANSISTOR SI NPN CHIP	
Q5659			
Q5901	2SD225900A	TRANSISTOR SI NPN	+
Q6001 or	2SB0709A0L B1ADCC000004	TRANSISTOR SI PNP CHIP TRANSISTOR SI PNP CHIP	
Q6001 or	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6001	BIADCFUUUUI	TRANSISTOR ST FNF CHIP	
or Q6001	B1ADCF000077	TRANSISTOR SI PNP CHIP	
Q6002	2SD0601A0L	TRANSISTOR SI NPN CHIP	
or Q6002	B1ABCC000004	TRANSISTOR SI NPN CHIP	
or Q6002	B1ABCF000011	TRANSISTOR SI NPN CHIP	
or Q6002	B1ABCF000106	TRANSISTOR SI NPN CHIP	
Q6003	2SD0601A0L	TRANSISTOR SI NPN CHIP	
or Q6003	B1ABCC000004	TRANSISTOR SI NPN CHIP	
or Q6003	B1ABCF000011	TRANSISTOR SI NPN CHIP	
or Q6003	B1ABCF000106	TRANSISTOR SI NPN CHIP	
Q6005	2SB0709A0L	TRANSISTOR SI PNP CHIP	
or Q6005	B1ADCC000004	TRANSISTOR SI PNP CHIP	
or Q6005	B1ADCF000001	TRANSISTOR SI PNP CHIP	
or Q6005	B1ADCF000077	TRANSISTOR SI PNP CHIP	
Q6006	2SD0601A0L	TRANSISTOR SI NPN CHIP	
or Q6006	B1ABCC000004	TRANSISTOR SI NPN CHIP	
or Q6006	B1ABCF000011	TRANSISTOR SI NPN CHIP	
or	B1ABCF000106	TRANSISTOR SI NPN CHIP	
Q6006 Q6009	VEKS9440	PHOTO SENSOR ASS'Y	
Q6010	VEKS9440	PHOTO SENSOR ASS'Y	
Q7031	2SB0709A0L	TRANSISTOR SI PNP CHIP	
or Q7031	B1ADCC000004	TRANSISTOR SI PNP CHIP	
or Q7031	B1ADCF000001	TRANSISTOR SI PNP CHIP	
or	B1ADCF000077	TRANSISTOR SI PNP CHIP	
Q7031			
_		DIODES	

		DIODES	
Ref. No.	Part No.	Part Name & Description	Remarks
D591	D4DDD3R00002	THERMISTOR	⚠
or D591	D4DDD3R00003	THERMISTOR	\triangle
D592	MA2C16700E	DIODE SI	

	FV-DF203 / F	V-DF2035 / PV-DF275 / PV-DF2735 / PV-DF	2000 1(71)
Ref. No.	Part No.	Part Name & Description	Remark
or D592	B0AAEL000001	DIODE SI	
	ERZV10V361CS		Δ
or D801	D4EAA3610001	SURGE ABSORBER	Δ
D803	MA2C16700E	DIODE SI	
or D803	B0AAEL000001	DIODE SI	
	B0AAKT000010	DIODE SI	Δ
	B0EAKT000030	DIODE SI	\triangle
	B0AAKT000010	DIODE SI	\triangle
	B0EAKT000030	DIODE SI	\triangle
	B0AAKT000010	DIODE SI	\triangle
	B0EAKT000030	DIODE SI	\triangle
	B0AAKT000010	DIODE SI	\triangle
	B0EAKT000030	DIODE SI	\triangle
D856	B0HAGP000012	DIODE SI	
D857	B0HAGP000012	DIODE SI	
	B0HAJL000001	DIODE SI	
	B0HAGP000012	DIODE SI	
	BOHAJL00001	DIODE SI	
D859	BOJANKOOOOO3	DIODE SI CHIP	
D860	B0EALR000005		
D860 D861	MAZ2270	DIODE SI DIODE ZENER 27V	\triangle
D863	B0HAHP000014		144
			+
	B0HAJP000007	DIODE SI	+
	B0HAMP000061	DIODE SI	+
D864	B0HAMM000105	DIODE SI	+
	B0HAML000013	DIODE SI	+
	B0HAML000014		+
	B0HAMM000105	DIODE SI	
or D865	B0HAML000013	DIODE SI	
or D865	B0HAML000014	DIODE SI	
D1001	B0EDKT000009	DIODE SI	\triangle
D1002	вонаммоооовз	DIODE SI	
D1003	MAZ40470MF	DIODE ZENER 4.7V	
or D1003	B0BA4R600003	DIODE ZENER 4.7V	
D1004	вонаммоооовз	DIODE SI	
D1005	вонаммоооовз	DIODE SI	
D1006	вонаммоооо83	DIODE SI	
D1008	вонаммоооовз	DIODE SI	
D1009	вонаммоооо83	DIODE SI	
	B0JANK000003	DIODE SI CHIP	
D1011	B0JANK000003	DIODE SI CHIP	
D1012	B0JAGE000001	DIODE SI	
or	B0JAMD000012	DIODE SI	
D1012	BOORIDOOOOIZ	DIODE SI	
D1013	B0JAME000079	DIODE SI	
or	B0JAME000049	DIODE SI	
D1013	2001212000019	31022 31	
or	B0JANE000028	DIODE SI	
D1013			Ш
D1015	B0JAME000079	DIODE SI	
or	B0JAME000049	DIODE SI	
D1015			
or	B0JANE000028	DIODE SI	
D1015			
D1016	вонанроооо14	DIODE SI	
or	вонајрооооо7	DIODE SI	
D1016			
or D1016	B0HAMP000061	DIODE SI	
D1016	D0**********	DT0DD 47	-
D1017	B0HAMM000083	DIODE SI	
D1021	B0BB17000006	DIODE ZENER 17V	+
D1022	B0HAMM000105	DIODE SI	
or D1022	B0HAML000013	DIODE SI	
or D1022	B0HAML000014	DIODE SI	
D1022 D1201	B0AAML000001	DIODE SI	+
or D1201	B0EAKL000008	DIODE SI	
D1201 D1202	B0AAML000001	DIODE SI	+
or D1202	B0EAKL000008	DIODE SI	
	MA2C165001VT	DIODE SI	
	,		
D4209 or	B0AACK000004	DIODE SI	

D4210 MA2C165001VT D10DE SI D4507 MA2C165001VT D10DE SI D4508 MA2C165001VT D10DE SI D4508 MA2C165001VT D10DE SI D4508 MA2C165001VT D10DE SI D4508 MA2C165001VT D10DE SI D4591 MA2C165001VT D10DE SI D4598 MA2C165001VT D10DE ZENER 24V D4591 MA2C2400MF D10DE ZENER 24V D4593 MA2C2400MF D10DE ZENER 24V D4594 D4594 MA2C2400MF D10DE ZENER 24V D4601 B0AAML000001 D10DE SI Or B0BASR1000008 D10DE SI Or B0BASR100002 D10DE ZENER 5.1V Or G0 B0BASR100022 D10DE ZENER 5.1V Or B0BASR100002 D10DE ZENER 5.1V Or B0BASR1000004 D10DE SI Or B0BASR000004 D10DE SI Or B0BASR0000004 D	Ref.	Part No.	Part Name & Description	Remarks
DESCRIPTION DESCRIPTION OF STATES O		MA2C165001VT	DIODE SI	
D4210 D4507 MA2C165001VT D10DE SI D				
OF DASON BOAACKOOOOOO DIODE SI D4507 B0ACKOOOOOOO DIODE SI OF BOAACKOOOOOOO DIODE SI D4591 MAZ42400MF DIODE ZENER 24V D4592 MAZ42400MF DIODE ZENER 24V D4593 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE SI OF BOAKL000000 DIODE SI OF BOAKL000000 DIODE SI OF BOAKL000000 DIODE SI OF BOAKL000005 DIODE ZENER 5.1V OF BOAKL000005 DIODE ZENER 5.1V OF BOAKSR100022 DIODE ZENER 5.1V OF BOAKSR200015 DIODE ZENER 5.1V OF BOAKSR00002 DIODE ZENER 5.1V OF BOAKCR00004 DIODE ZENER 5.1V OF BOAKCR00004 DIODE SI OF BOAKCR00004 DIODE SI OF BOAKCR00004 DIODE SI OF BOAKCR000004 DIODE SI </td <td></td> <td></td> <td>-</td> <td></td>			-	
D4507 D4508 MA2C165001VT D10DE SI 0T B0AACK000004 D10DE ZENER 24V D4591 MA242400MF D10DE ZENER 24V D4592 MA242400MF D10DE ZENER 24V D4593 MA242400MF D10DE ZENER 24V D4593 MA242400MF D10DE ZENER 24V D4601 B0AAML000001 D10DE SI 0T B0AACK000008 D10DE SI 0T B0AACK000008 D10DE SI 0T B0BASR100022 D10DE ZENER 5.1V 0T B0BASR200015 D10DE ZENER 5.2V 0T B0AACK000004 D10DE SI 0T B0AACK0000004 D10DE SI 0T B0AACK0000000000000000000000000000000000	D4507	MA2C165001VT	DIODE SI	
D4508 MA2C165001VT DIODE SI OF BOAACKOOOOO4 DIODE SI D4591 MA242400MF DIODE ZENER 24V D4592 MAZ42400MF DIODE ZENER 24V D4593 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE SI OF BOAACKOOOOO B DIODE SI OF BOAKLOOOOO B DIODE SI D4710 MAZ40510MF DIODE ZENER 5.1V OF BOBA5R200015 DIODE ZENER 5.1V OF BOBA5R200015 DIODE ZENER 5.1V OF BOBA5R200015 DIODE ZENER 5.1V D4710 D4711 MAZ40510MF DIODE ZENER 5.1V OF BOBA5R200015 DIODE ZENER 5.1V OF BOBA6R200010 DIODE ZENER 5.2V D4711 MAZ40510MF DIODE SI OF BOAACKOOOO04 DIODE SI OF BOAACKOOOO004 DIODE SI OF BOAACKOOOO0000000000000000000000000000000	or	B0AACK000004	DIODE SI	
OF DATE BOAACK000004 DIODE SI D4591 MAZ42400MF DIODE ZENER 24V D4592 MAZ42400MF DIODE ZENER 24V D4593 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE SI OF BOEAKL000008 DIODE SI OF BOEAKL00001 DIODE ZENER 24V D4710 MAZ40510MF DIODE ZENER 5.1V OF BOEASR200015 DIODE ZENER 5.1V OF BOEASR200017 DIODE SI OF BOEASR200018 DIODE SI OF BOEASR200019 DIODE SI OF BOEACK000004 DIODE SI OF BOEACK000004 DIODE SI OF BOEACK000004 DIODE SI OF BOEACK000004 DIODE SI OF BOEACK000004 </td <td>D4507</td> <td></td> <td></td> <td></td>	D4507			
D4598 D4591 MAZ42400MF DIODE ZENER 24V D4592 MAZ42400MF DIODE ZENER 24V D4593 MAZ42400MF DIODE ZENER 24V D4593 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE ZENER 24V D4601 D4601 D10DE ZENER 24V D4601 D4601 D10DE ZENER 5.1V D4710 MAZ40510MF DIODE ZENER 5.1V D4710 D4710 MAZ40510MF DIODE ZENER 5.1V D4711 MAZ40510MF DIODE ZENER 5.2V D4711 D4715 MAZC165001VT DIODE SI D4716 MAZC165001VT DIODE SI D4716 MAZC165001VT DIODE SI D4716 MAZC165001VT DIODE SI D4717 MAZC165001VT DIODE SI D4717 MAZC165001VT DIODE SI D4718 D4718 MAZC165001VT DIODE SI D4718 D4718 MAZC165001VT DIODE SI D4718	D4508	MA2C165001VT	DIODE SI	
D4591 MAZ42400MF DIODE ZENER 24V D4592 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE ZENER 24V D4601 BOAAKL000008 DIODE SI Or BOAAKL000008 DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V Or BOBASR200015 DIODE ZENER 5.1V Or BOBACK000004 DIODE SI Or BOACK000004 DIODE SI Or BOACK000004 DIODE SI Or BOACK000004 DIODE SI Or BOACK000004 DIODE SI Or		BOAACK000004	DIODE SI	
D4592 MAZ42400MF DIODE ZENER 24V D4593 MAZ42400MF DIODE ZENER 24V D4601 B0AAML000001 DIODE SI OF BOEAKL000008 DIODE SI D4710 MAZ40510MF DIODE ZENER 5.1V OF BOBASR100022 DIODE ZENER 5.1V OF BOBASR200015 DIODE ZENER 5.2V D47111 OF BOBASR200015 DIODE ZENER 5.2V D47115 MAZC165001VT DIODE SI OF BOBACK000004 DIODE SI DEGOLO BABCCLOSOLUT DIODE SI OF BOBACK000004 DIODE SI DEGOLO BABCCLOSOLUT DIODE SI OF BOBACK000004 DIODE SI DEGOLO BABCCLOSOLUT DIODE SI OF		40400		
D4593 MAZ42400MF DIODE ZENER 24V D4594 MAZ42400MF DIODE SI D4601 BOAANL000001 DIODE SI Or BOEAKL000008 DIODE SI D4601 MAZ40510MF DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V Or BOBASR200015 DIODE ZENER 5.1V D4710 D4711 MAZ40510MF DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V D4711 D4711 MAZ40510MF DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V D4711 D4711 MAZ40510MF DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V D4711 D4711 DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.2V D4711 D4711 MAZ20165001VT DIODE SI OR BOBACK000004 DIODE SI D4716 MAZ20165001VT DIODE SI OR BOBACK000004 DIODE SI D4717 MAZ20165001VT DIODE SI OR BOBACK000004 DIODE SI D4718 MAZ20165001VT DIODE SI OR BOBACK000004 DIODE SI D5301 MAZ406201LKT DIODE SI D5301 MAZ406201LKT DIODE SI OR BOBACK000004 DIODE SI D6002 MAZ2165001VT DIODE SI OR BOBACK000004 DIODE SI D6003 MAZ2165001VT DIODE SI OR BOBACK000004 DIODE SI D6001 BABACK000004 DIODE SI D6001 BABACK000004 DIODE SI D6001 BABACK000004 DIODE SI D6002 BABACK000004 DIODE SI D6003 BABACK000004 DIODE SI D6004 BABCCACCONO004 DIODE SI D6006 BABCCACCONO004 DIODE SI D6007 BOBACK000004 DIODE SI D6008 BABCCACCONO0094 DIODE SI D6009 BABCCACCONO0094 DIODE SI D6009 BABCCACCONO0094 DIODE SI D6000 BABCCACC				
D4594 MAZ42400MF DIODE ZENER 24V D4601 BOANMLO0001 DIODE SI Or BOEAKL000008 DIODE SI D4710 MAZ40510MF DIODE ZENER 5.1V Or BOBASR100022 DIODE ZENER 5.1V D4710 MAZ40510MF DIODE ZENER 5.1V D4711 MAZ40510MF DIODE ZENER 5.1V D4711 MAZ40510MF DIODE ZENER 5.1V Or BOBASR200015 DIODE ZENER 5.2V D4711 MAZ2165001VT DIODE SI OR BOACK000004 DIODE SI D4716 MAZC165001VT DIODE SI OR BOACK000004 DIODE SI OR BOACK000				
D4601 BOAMLOUGOUI DIODE SI OF BOEARLOUGOUS DIODE SI D4710 MAZ40510MF DIODE ZENER 5.1V OF BOBASR100022 DIODE ZENER 5.1V OF BOBASR200015 DIODE ZENER 5.1V D4711 MAZ40510MF DIODE ZENER 5.1V OF BOBASR200015 DIODE ZENER 5.2V D4711 MAZ2165001VT DIODE SI OF BOAACK000004 DIODE SI D5304 MAZ2165001VT DIODE SI OF BOAACK000004 DIODE SI D5304 MAZ2165001VT DIODE SI D5304 MAZ2165001VT DIODE SI OF BOAACK000004 DIODE SI D5001 BEAD0000072 SENSOR LED D6002 MAZ2165001VT DIODE SI OF BOAACK000004 DI				
OF DATE OF STORY OF STOR				
D4601 D4710 MAZ40510MF DIODE ZENER 5.1V Or BOBA5R100022 DIODE ZENER 5.1V D4710 D7710 D10DE ZENER 5.1V D7710 D7710 D7710 D7710 D7711 D7711				
OF DATIO BOBASR100022 DIODE ZENER 5.1V OT DATIO BOBASR200015 DIODE ZENER 5.2V D4711 MAZ40510MF DIODE ZENER 5.1V OT BOBASR100022 DIODE ZENER 5.1V OT BOBASR200015 DIODE ZENER 5.2V D4711 MAZ40510MF DIODE SI OF BOBASR200015 DIODE SI D4715 MAZC165001VT DIODE SI OF BOACK000004		Бошиндоссоо	21022 21	
D4710 D10DE ZENER 5.2V D1710 D1710 D1711 D1	D4710	MAZ40510MF	DIODE ZENER 5.1V	
OF DATE BOBASR200015 DIODE ZENER 5.2V D4711 MAZ40510MF DIODE ZENER 5.1V OF BOBASR100022 DIODE ZENER 5.1V OT BOBASR200015 DIODE ZENER 5.2V D4711 MAZC165001VT DIODE SI D4715 MAZC165001VT DIODE SI D4715 MAZC165001VT DIODE SI D4716 MAZC165001VT DIODE SI D4717 MAZC165001VT DIODE SI D4717 MAZC165001VT DIODE SI D4717 MAZC165001VT DIODE SI OF BOAACK000004 DIODE SI	or	B0BA5R100022	DIODE ZENER 5.1V	
D4710 D4711 MAZ40510MF DIODE ZENER 5.1V D1711 MAZ40510MF DIODE ZENER 5.1V D1711 D1711	D4710			
D4711 MAZ40510MF DIODE ZENER 5.1V OR BOBA5R100022 DIODE ZENER 5.1V D4711 BOBA5R100022 DIODE ZENER 5.1V D4711 D4715 MAZC165001VT DIODE SI OR BOBACK000004 DIODE SI D4716 MAZC165001VT DIODE SI OR BOBACK000004 DIODE SI OR BOBACK00000000000000000000		B0BA5R200015	DIODE ZENER 5.2V	
Or D4711 BOBASR100022 DIODE ZENER 5.1V Or D4711 BOBASR200015 DIODE ZENER 5.2V D4715 MA2C165001VT DIODE SI Or BOBACK000004 DIODE SI D4715 MA2C165001VT DIODE SI D4716 MA2C165001VT DIODE SI Or BOBACK000004 DIODE SI DIODE SI D4717 MA2C165001VT DIODE SI Or BOBACK000004 DIODE SI DIODE SI D6001 BBERO0000072 SENSOR LED D6002 MA2C165001VT DIODE SI Or BOBACK000004 DIODE SI <td></td> <td></td> <td></td> <td></td>				
D4711 D10DE ZENER 5.2V D1711 D1715 D10DE ZENER 5.2V D1711 D1715 D10DE ZENER 5.2V D1711 D1715 D1715 D10DE SI D1715 D1715 D10DE SI D1716 D1716 D1716 D10DE SI D1716 D1716 D10DE SI D1716 D1717 D10DE SI D1717 D10DE SI D1717 D10DE SI D1717 D10DE SI D1718 MA2C165001VT D10DE SI D1718 MA2C165001VT D10DE SI D1718 D1718 MA2C165001VT D10DE SI D1718				1
Or D47111 B0BASR200015 DIODE ZENER 5.2V D47115 MA2C165001VT DIODE SI Or D4716 B0AACK000004 DIODE SI D4716 MA2C165001VT DIODE SI Or D4716 B0AACK000004 DIODE SI D4717 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI DIODE SI Or B0AOCK000004 DIODE SI DIODE SI Or B0AOCK000004 DIODE SI DIODE SI Or B0AOCK000004 DIODE SI DIOD		B0BA5R100022	DIODE ZENER 5.1V	
D4711 D4715 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D4716 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI OF BOAACK000004 DIODE SI OF BOAACK000004 DIODE SI D4717 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D5304 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI OF BOAACK00000000000000000000000000000000000		BUBY 2D SUCO 1 E	DIODE ZENER 5 2V	+
D4715 MA2C165001VT DIODE SI OR BOAACK000004 DIODE SI D4716 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI OF BOAACK00		PODMUKZUUUIS	DIODE ZENER 5.2V	
Or D4715 BOAACK000004 DIODE SI D4716 MA2C165001VT DIODE SI Or D4716 BOAACK000004 DIODE SI D4717 MA2C165001VT DIODE SI Or D4717 BOAACK000004 DIODE SI Or D4718 MA2C165001VT DIODE SI Or D5304 MA2C165001VT DIODE SI Or D5304 BOAACK000004 DIODE SI Or D5304 MA2C165001VT DIODE SI Or D6001 BOAACK000004 DIODE SI Or D6002 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI		MA2C165001VT	DIODE SI	
D4715 D4716 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D4717 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D4717 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI OF BOAACK000004 DIODE SI OF BOAACK000004 DIODE SI D5304 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D5304 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D5304 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI D6001 B3EA00000072 SENSOR LED D6002 MA2C165001VT DIODE SI OF BOAACK000004 DIODE SI OF BOAACK00000000000000000000000000000000000				
Or D4716 B0AACK000004 DIODE SI D4717 MA2C165001VT DIODE SI Or D4717 B0AACK000004 DIODE SI D4718 MA2C165001VT DIODE SI Or D4718 B0AACK000004 DIODE SI Or D5304 MA2C165001VT DIODE SI Or D5304 MA2C165001VT DIODE SI Or D6001 B3EA00000072 SENSOR LED OF D6002 MA2C165001VT DIODE SI Or B0AACK000004				
D4716 D4717 MA2C165001VT DIODE SI Or B0AACK000004 D1ODE SI D4718 D5304 MA2C165001VT DIODE SI Or B0AACK000004 D5304 MA2C165001VT DIODE SI Or B0AACK000004 D5304 MA2C165001VT DIODE SI Or B0AACK000004 D5304 MA2C165001VT DIODE SI D6001 B3EA00000072 SENSOR LED D6002 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI	D4716	MA2C165001VT	DIODE SI	
D4717 MA2C165001VT DIODE SI Or BOAACK000004 DIODE SI D4717 MA2C165001VT DIODE SI Or BOAACK000004 DIODE SI D4718 MA2C165001VT DIODE SI D5304 MA2C165001VT DIODE SI Or BOAACK000004 DIODE SI D5304 MAZ40620L1KT DIODE SI D6001 B3EA00000072 SENSOR LED D6002 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI Or </td <td></td> <td>B0AACK000004</td> <td>DIODE SI</td> <td></td>		B0AACK000004	DIODE SI	
OT D4717 BOAACK000004 DIODE SI D4718 MA2C165001VT DIODE SI OT D4718 BOAACK000004 DIODE SI D4718 BOAACK000004 DIODE SI D5304 MA2C165001VT DIODE SI OT D5304 BOAACK000004 DIODE SI D5501 MAZ40620L1KT DIODE SI D6001 B3EA00000072 SENSOR LED D6002 MA2C165001VT DIODE SI OT B0AACK000004 DIOD				
D4717 D4718 MA2C165001VT DIODE SI OT B0AACK000004 DIODE SI D5304 MA2C165001VT DIODE SI OT B0AACK000004 DIODE SI D5304 D5501 MAZ40620L1KT DIODE ZENER 6.2V ⚠ D6001 B3EA0000072 SENSOR LED D6002 MA2C165001VT DIODE SI OT B0AACK000004 DIODE SI OT B0				1
D4718 MA2C165001VT DIODE SI OT B0AACK000004 DIODE SI D5304 MA2C165001VT DIODE SI D5304 MA2C165001VT DIODE SI D5304 DESACK000004 DIODE SI D5501 MAZ40620L1KT DIODE ZENER 6.2V △ D6001 B3EA00000072 SENSOR LED D6002 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI D6003 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI <		B0AACK000004	DIODE SI	
Or D4718 BOAACK000004 DIODE SI D5304 MA2C165001VT DIODE SI Or D5304 BOAACK000004 DIODE SI D5501 MAZ40620L1KT DIODE ZENER 6.2V △ D6001 B3EA00000072 SENSOR LED □ D6002 MA2C165001VT DIODE SI □ Or B0AACK000004 DIODE SI □ □		M2 201 65001 777	DTODE ST	+
D4718 D5304 MA2C165001VT DIODE SI OR BOAACK000004 DIODE SI D5501 MAZ40620L1KT DIODE ZENER 6.2V ⚠ D6001 B3EA0000072 SENSOR LED D6002 MA2C165001VT DIODE SI OR BOAACK000004 D				+
D5304 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI D5304 D5501 MAZ40620L1KT DIODE ZENER 6.2V		DURACKUUUUU4	DIODE SI	
OT B0AACK000004 DIODE SI D5501 MAZ40620L1KT DIODE ZENER 6.2V ⚠ D6001 B3EA00000072 SENSOR LED D6002 MA2C165001VT DIODE SI OT B0AACK000004 DIODE SI D6003 MA2C165001VT DIODE SI OF B0AACK000004 DIODE SI OT B0AACK000004 DIODE SI OF B0AACK000004 DIODE SI OF B0AACK000004 DIODE SI OF B0AACK000004 DIODE SI OF B0AACK000004 DIODE SI <tr< td=""><td></td><td>MA2C165001VT</td><td>DIODE SI</td><td></td></tr<>		MA2C165001VT	DIODE SI	
D5304 D5501 MAZ40620L1KT DIODE ZENER 6.2V				
D6001	D5304			1
D6002 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI OR B0AACK0000004 DIODE SI OR B0AACK0000000000000000000000000000000000	D5501	MAZ40620L1KT	DIODE ZENER 6.2V	\triangle
Or D6002 B0AACK000004 DIODE SI D6003 MA2C165001VT DIODE SI OT D6003 B0AACK000004 DIODE SI D6004 MA2C165001VT DIODE SI OT D6004 B0AACK000004 DIODE SI OT D6005 MA2C165001VT DIODE SI OT D6006 MA2C165001VT DIODE SI OT D6006 MA2C165001VT DIODE SI OT D6009 MA2C165001VT DIODE SI OT D6009 B0AACK000004 DIODE SI OT D6010 MA2C165001VT DIODE SI OT D6010 MA2C165001VT DIODE SI OT D6201 MA2C165001VT DIODE SI OT D6202 MA2C165001VT DIODE SI OT D6203 B0AACK000004 DIODE SI OT D6204 B0AACK000004 DIODE SI OT D6205 B0AACK000004 DIODE SI OT D6206 B0AACK000004 DIODE SI OT D6207 B0AACK000004 DIODE SI OT D6208 B0AACK000004 DIODE SI OT D6301<	D6001	B3EA00000072	SENSOR LED	
D6002 D6003 MA2C165001VT DIODE SI OF B0AACK000004 DIODE SI D6003 D6004 MA2C165001VT DIODE SI OF B0AACK000004 DIODE SI	D6002	MA2C165001VT	DIODE SI	
D6003 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6004 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI OR B0ACK000004 DIODE SI OR B0ACK0000		B0AACK000004	DIODE SI	
or B0AACK000004 DIODE SI D6003 D6004 MA2C165001VT DIODE SI or B0AACK000004 DIODE SI D6004 D6005 MA2C165001VT DIODE SI or B0AACK000004 DIODE SI D6005 D6006 MA2C165001VT DIODE SI or B0AACK000004 DIODE SI D6006 D6009 MA2C165001VT DIODE SI or B0AACK000004 DIODE SI OR BOACKOOLOGE SI OR BOACKOOL			27027 67	+
D6003 D6004 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6005 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6201 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI				+
D6004 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI		DUAACKUUUUU4	DIODE ST	
Or D6004 B0AACK000004 DIODE SI D6005 MA2C165001VT DIODE SI OF D6005 B0AACK000004 DIODE SI D6006 MA2C165001VT DIODE SI OF D6006 B0AACK000004 DIODE SI OF D6009 MA2C165001VT DIODE SI OF D6009 B0AACK000004 DIODE SI OF D6010 MA2C165001VT DIODE SI OF D6010 MA2C165001VT DIODE SI OF D6201 MA2C165001VT DIODE SI OF D6202 MA2C165001VT DIODE SI OF D6202 MA2C165001VT DIODE SI OF D6203 B0AACK000004 DIODE SI OF D6304 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI		MA2C165001VT	DIODE SI	
D6004 D6005 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6006 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6201 MA2C165001VT DIODE SI D6202 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE				
or D6005 B0AACK000004 DIODE SI D6006 MA2C165001VT DIODE SI or D6006 B0AACK000004 DIODE SI D6009 MA2C165001VT DIODE SI or D6009 B0AACK000004 DIODE SI or D6010 MA2C165001VT DIODE SI or B0AACK000004 DIODE SI or B0A201 MA2C165001VT DIODE SI or B0A202 MA2C165001VT DIODE SI or B0A202 MA2C165001VT DIODE SI or B0A203 DIODE SI DIODE SI or B0A304 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI				<u> </u>
D6005 D6006 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI D6006 D6009 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI D6201 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI Or B0AACK000004 DIODE SI Or B0AACK000004 DIODE SI Or B0AACK000004 DIODE SI D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI	D6005	MA2C165001VT	DIODE SI	
D6006 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI D6009 MA2C165001VT DIODE SI OR B0AACK000004 DIODE SI		B0AACK000004	DIODE SI	
or D6006 B0AACK000004 DIODE SI D6009 MA2C165001VT DIODE SI or D6009 B0AACK000004 DIODE SI or D6010 MA2C165001VT DIODE SI or D6010 B0AACK000004 DIODE SI or D6201 B0AACK000004 DIODE SI or D6202 B0AACK000004 DIODE SI or D6202 MA2C165001VT DIODE SI or D6202 B0AACK000004 DIODE SI or D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI				
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or D6009 B0AACK000004 DIODE SI D6010 MA2C165001VT DIODE SI or D6010 B0AACK000004 DIODE SI or D6201 MA2C165001VT DIODE SI or D6201 B0AACK000004 DIODE SI or D6202 MA2C165001VT DIODE SI or D6202 B0AACK000004 DIODE SI or D6202 B0AACK000004 DIODE SI D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI		M2 201 CE001***	DIODE CI	+
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D6010 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI D6010 D6201 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI Or B0AACK000004 DIODE SI D6202 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI Or B0AACK000004 DIODE SI D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI		DURACKUUUUU4	DIODE SI	
or B0AACK000004 DIODE SI D6010 D6201 MA2C165001VT DIODE SI or B0AACK000004 DIODE SI D6201 D6202 D6202 D6202 D6202 D6202 D6202 D6202 D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI		MA2C165001VT	DIODE SI	1
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or B0AACK000004 DIODE SI D6201 DECOMESTION DIODE SI D6202 MA2C165001VT DIODE SI Or B0AACK000004 DIODE SI D6202 D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI				
D6201 D6202 MA2C165001VT DIODE SI Or D6202 D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI	D6201	MA2C165001VT	DIODE SI	
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or B0AACK000004 DIODE SI D6202 D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI				1
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D6301 B3AAA0000538 LIGHT EMITTING DIODE RED D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI		B0AACK000004	DIODE SI	
D6304 B3ACA0000192 LIGHT EMITTING DIODE ORANGE D9501 MA2C165001VT DIODE SI		B3777UUUUE30	I.TGHT EMITTING DIODE DED	
D9501 MA2C165001VT DIODE SI				+
				<u> </u>
,. ,				1
D9501			-	
D9502 MA2C165001VT DIODE SI		MA2C165001VT	DIODE SI	
or BOAACK000004 DIODE SI				
D9502	D9502			

Ref. No.	Part No.	Part Name & Description	Remarks
D9503	MA2C165001VT	DIODE SI	
or D9503	B0AACK000004	DIODE SI	
D9504	MA2C165001VT	DIODE SI	
or D9504	B0AACK000004	DIODE SI	
D9505	MAZ40510MF	DIODE ZENER 5.1V	
or D9505	B0BA5R100022	DIODE ZENER 5.1V	
or D9505	B0BA5R200015	DIODE ZENER 5.2V	
D9506	MAZ40510MF	DIODE ZENER 5.1V	
or D9506	B0BA5R100022	DIODE ZENER 5.1V	
or D9506	B0BA5R200015	DIODE ZENER 5.2V	
D9507	MA2C165001VT	DIODE SI	
or D9507	B0AACK000004	DIODE SI	
D9508	MA2C165001VT	DIODE SI	
or D9508	B0AACK000004	DIODE SI	
D9509	MAZ41200LF	DIODE ZENER 12V	
D9510	MAZ41200LF	DIODE ZENER 12V	
D9511	MAZ41200LF	DIODE ZENER 12V	
D9512	MAZ41200LF	DIODE ZENER 12V	

RESISTORS

D-6	Don't No	RESISTORS	Damaraha
Ref. No.	Part No.	Part Name & Description	Remarks
R591	ERDS2TJ103	CARBON 1/4W 10K	
R592	ERDS2TJ472	CARBON 1/4W 4.7K	
R801	D0AF825KA002	SOLID 1/2W 8.2M	\triangle
R802	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R803	ERDS2TJ103	CARBON 1/4W 10K	
R804	ERF5ZKR82	W FLMPRF 5W 0.82	\triangle
R805	ERDS1FJ474T	CARBON 1/2W 470K	\triangle
R850	D0AF184JA038	SOLID 1/2W 180K	
R851	ERD2FCG681V	FUSE 1/4W 680	\triangle
R852	ERDS2TJ683	CARBON 1/4W 68K	
R853	ERDS2TJ683	CARBON 1/4W 68K	
R855	ERX2SZJR10P	METAL FILM 2W 0.1	
R857	ERJ3GEYJ272V	MGF CHIP 1/16W 2.7K	
R858	ERDS2TJ4R7	CARBON 1/4W 4.7 (A,B,C)	
R858	ERDS2TJ100	CARBON 1/4W 10 (D,E,F)	
R860	ERJ3GEYJ122V	MGF CHIP 1/16W 1.2K	
R866	ERG2SJ333H	METAL OXIDE 2W 33K	
R1001	D0AF683JA038	SOLID 1/2W 68K	
R1002	ERDS2TJ151	CARBON 1/4W 150	
R1003	D0AF150JA038	SOLID 1/2W 15	
R1004	ERJ6GEYJ102V	MGF CHIP 1/10W 1K	
R1005	ERX2SJR22P	METAL FILM 2W 0.22	
R1006	ERJ6GEYJ332V	MGF CHIP 1/10W 3.3K	
R1008	ERJ6GEYJ562V	MGF CHIP 1/10W 5.6K	
R1009	ERDS2TJ102	CARBON 1/4W 1K	
R1010	ERDS2TJ330T	CARBON 1/4W 33	
R1011	ERD25FJ3R3P	CARBON 1/4W 3.3	Δ
R1012	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R1013	ERJ6GEYJ221V	MGF CHIP 1/10W 220	
R1014	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R1015	D1BD2431A016	MGF CHIP 1/10W 2.43K	
R1016	D0HD222ZA002	MGF CHIP 1/10W 2.2K	
R1017	D1BB1242A031	MGF CHIP 1/16W 12.4K	
R1018	D0HB302ZA002	MGF CHIP 1/16W 3K	
R1020	ERDS2TJ391	CARBON 1/4W 390	
R1201	ERJ6ENF3741V	MGF CHIP 1/16W 3.74K	
R1202	ERJ3EKF1800V	MGF CHIP 1/16W 180	
R1205	ERDS2TJ331	CARBON 1/4W 330	
R1208	ERJ6GEYJ303V	MGF CHIP 1/10W 30K	1
R1212	ERJ6GEYJ104V	MGF CHIP 1/10W 100K	
R1621	ERJ6GEYJ331V	MGF CHIP 1/10W 330	
R3001	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	1
R3002	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	1
R3003	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	1
	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	+

Ref. No.	Part No.	Part Name & Description	Remarks
R3005	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3006	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R3007	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R3008	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3009	ERJ3GEYJ122V	MGF CHIP 1/16W 1.2K	
R3010	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3011	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3012	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R3014	ERJ3GEYJ685V	MGF CHIP 1/16W 6.8M	
R3018	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3020	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3021	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R3023	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3024	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R3025	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R3343	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R3347	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R3349	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R4007	ERDS2TJ152	CARBON 1/4W 1.5K	+
R4008 R4009	ERDS2TJ152 ERJ3GEYJ473V	MGF CHIP 1/16W 47K	+
R4009 R4010	ERJ3GEYJ101V	MGF CHIP 1/16W 4/K MGF CHIP 1/16W 100	
R4011	ERJ3GEYJ822V	MGF CHIP 1/16W 100 MGF CHIP 1/16W 8.2K	
R4012	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R4015	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R4016	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4017	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4018	ERJ3EKF1002V	MGF CHIP 1/16W 10K	
R4061	ERJ3GEYJ334V	MGF CHIP 1/16W 330K	
R4062	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4063	ERJ3GEYJ271V	MGF CHIP 1/16W 270	
R4071	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R4081	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4084	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4085	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4101	ERJ3GEYJ124V	MGF CHIP 1/16W 120K	
R4102	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R4103	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4201	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4202	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4203	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4204	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4205	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4206	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4207	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4208	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4209	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4210	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	-
R4213	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	-
R4214	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	-
R4215	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	+
R4218	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4219	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4224	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4225	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4226	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	+
R4229	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	+
R4230	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	1
R4231 R4232	ERJ3GEYJ332V ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R4232 R4233	ERJ3GEYJ101V	MGF CHIP 1/16W 3.3K	
R4233	ERJ3GEYJ101V	MGF CHIP 1/16W 100 MGF CHIP 1/16W 100	+
R4254 R4453	ERJ3GEYJ393V	MGF CHIP 1/16W 100	
R4453	ERJ3GEYJ102V	MGF CHIP 1/16W 39K	
R4502	ERJ3GEYJ103V	MGF CHIP 1/16W IR	
R4504	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4505	ERJ3GEYJ102V	MGF CHIP 1/16W 10K	
R4505	ERJ3GEYJ472V	MGF CHIP 1/16W 1.7K	
R4591	ERDS2TJ681	CARBON 1/4W 680	
R4592	ERDS2TJ681	CARBON 1/4W 680	
R4593	ERDS2TJ681	CARBON 1/4W 680	
	ERDS2TJ681	CARBON 1/4W 680	
R4594			

Ref.	Part No.	Part Name & Description	Remarks
No.	1 42 5 1151	1410 Name & Begeriperen	
R4602	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R4603	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R4604	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R4605	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R4606	ERJ3GEYJ394V	MGF CHIP 1/16W 390K	
R4607	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R4608	ERJ3GEYJ394V	MGF CHIP 1/16W 390K	
R4609	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R4610	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4611	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4701			
R4703	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4710	ERJ3GEYJ750V	MGF CHIP 1/16W 75	
R4903	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R5301	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R5302	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R5303	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R5304	ERJ3GEYJ393V	MGF CHIP 1/16W 39K	
R5305	ERJ3GEYJ224V	MGF CHIP 1/16W 220K	
		· · · · · · · · · · · · · · · · · · ·	
R5306	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R5308	ERJ3GEYJ393V	MGF CHIP 1/16W 39K	
R5309	ERJ3GEYJ184V	MGF CHIP 1/16W 180K	
R5311	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R5312	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R5313	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R5314	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R5315	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R5316	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R5317	ERDS2TJ101	CARBON 1/4W 100	
R5327	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R5328	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R5329	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R5353	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5354	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5356	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5401	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R5402	ERJ3GEYJ394V	MGF CHIP 1/16W 390K	
R5403	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R5405	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R5406	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5501	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R5502	ERJ3GEYJ394V	MGF CHIP 1/16W 390K	
R5503	ERDS2TJ471	CARBON 1/4W 470	
R5504	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5505		· · · · · · · · · · · · · · · · · · ·	Δ
		MGF CHIP 1/10W 3.24K	<u> </u>
R5506	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R5508	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R5510	ERDS2TJ101	CARBON 1/4W 100	
R5511	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R5512	ERDS2TJ151	CARBON 1/4W 150	
R5513	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5515	ERJ3GEYJ272V	MGF CHIP 1/16W 2.7K	
R5604	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R5651	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
	ERJ3GEYJ102V		\vdash
R5652		MGF CHIP 1/16W 1K	
R5653	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R5655	ERJ3GEYJ821V	MGF CHIP 1/16W 820	
R5656	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R5657	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R5658	ERJ3GEYJ122V	MGF CHIP 1/16W 1.2K	
R5659	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R5660	ERJ3GEYJ821V	MGF CHIP 1/16W 820	
R5661	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5662	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5664	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	\vdash
R5665	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R5666	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R5673	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R5674	ERJ3GEYJ272V	MGF CHIP 1/16W 2.7K	
R5675	ERJ3GEYJ681V	MGF CHIP 1/16W 680	
R5676	ERJ3GEYJ272V	MGF CHIP 1/16W 2.7K	
R5680	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
			\vdash
R5681	ERJ3GEYJ331V	MGF CHIP 1/16W 330	

		DF2735 / PV-DF2035-K / PV-DF2735-K	
Ref. No.	Part No.	Part Name & Description	Remarks
R5683	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5902	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R5932	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R5933	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6005	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6006	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6007	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6008	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6009	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R6010	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6011	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6012	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6013	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6014	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6015	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6016	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6017	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6018	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6019	ERJ3GEY0R00V	MGF CHIP 1/16W 0	+
R6021	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	-
R6022	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R6023	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R6025	ERJ3GEYJ471V	MGF CHIP 1/16W 470	ļ
R6026	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6027	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6028	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6029	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6034	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R6036	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6039	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6041	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6042	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6043	ERJ3GEY0R00V	MGF CHIP 1/16W 1K	t
R6043	ERJ3GEY0R00V	MGF CHIP 1/16W 0	†
R6047	ERJ3GEY0R00V ERJ3GEY0R00V	MGF CHIP 1/16W 0	+
R6050	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6051	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6054	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6056	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R6058	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	-
R6059	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6060	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	!
R6061	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6062	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6063	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6064	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6065	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R6066	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6067	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6068	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6069	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6070	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	1
R6071	ERJ3GEY0R00V	MGF CHIP 1/16W 0	<u> </u>
R6072	ERJ3GEYJ101V	MGF CHIP 1/16W 0	
R6072 R6074	ERJ3GEYJ101V	MGF CHIP 1/16W 100	<u> </u>
			
R6078	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6079	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6080	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6081	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6082	ERJ3GEY0R00V	MGF CHIP 1/16W 0	.
R6083	ERJ3GEY0R00V	MGF CHIP 1/16W 0	_
R6085	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6086	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R6087	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6089	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
		MGF CHIP 1/16W 6.8K	
R6093	ERJ3GEYJ682V		
R6093 R6094	ERJ3GEYJ682V ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6093 R6094 R6095	ERJ3GEY0R00V		
	ERJ3GEY0R00V ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6093 R6094 R6095 R6101 R6102	ERJ3GEY0R00V ERJ3GEYJ103V ERJ3GEYJ472V	MGF CHIP 1/16W 10K MGF CHIP 1/16W 4.7K	
R6093 R6094 R6095 R6101 R6102 R6103	ERJ3GEY0R00V ERJ3GEYJ103V ERJ3GEYJ472V ERJ3GEYJ272V	MGF CHIP 1/16W 10K MGF CHIP 1/16W 4.7K MGF CHIP 1/16W 2.7K	
R6093 R6094 R6095 R6101 R6102	ERJ3GEY0R00V ERJ3GEYJ103V ERJ3GEYJ472V	MGF CHIP 1/16W 10K MGF CHIP 1/16W 4.7K	

Ref.	Dart No	Bart Namo & Doggription	Remarks
No.	Part No.	Part Name & Description	Remarks
R6106	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6108	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6109	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6110	ERJ6GEYJ121V	MGF CHIP 1/10W 120	
R6111	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6112	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6113 R6114	ERJ3GEYJ183V	MGF CHIP 1/16W 18K MGF CHIP 1/10W 390	
R6115	ERJ6GEYJ391V ERJ3GEYJ103V	MGF CHIP 1/16W 390	
R6117	ERDS2TJ560T	CARBON 1/4W 56	
R6118	ERJ3GEYJ475V	MGF CHIP 1/16W 4.7M	
R6119	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R6120	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R6121	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6122	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6123	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6129	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6130	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6175	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R6201	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6203	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6204	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6206 R6207	ERJ3GEYJ221V ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6207	ERJ3GEYJ2ZIV ERJ6GEYJ1R2V	MGF CHIP 1/16W 220 MGF CHIP 1/10W 1.2	
R6209	ERJ6GEYJ1R5V	MGF CHIP 1/10W 1.2 MGF CHIP 1/10W 1.5	
R6210	ERJ3GEYJ101V	MGF CHIP 1/16W 1.5	
R6211	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R6212	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6213	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6214	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R6301	ERJ3EKF2201V	MGF CHIP 1/16W 2.2	
R6302	ERJ3EKF3301V	MGF CHIP 1/16W 3.3K	
R6303	ERJ3EKF5601V	MGF CHIP 1/16W 5.6K	
R6304	ERJ3EKF1102V	MGF CHIP 1/16W 11K	
R6306	ERJ3EKF2201V	MGF CHIP 1/16W 2.2	
R6307	ERJ3EKF3301V	MGF CHIP 1/16W 3.3K	
R6308	ERJ3EKF5601V	MGF CHIP 1/16W 5.6K	
R6309	ERJ3EKF1102V	MGF CHIP 1/16W 11K	
R6311 R6312	ERJ3EKF2201V	MGF CHIP 1/16W 2.2 MGF CHIP 1/16W 3.3K	
	ERJ3EKF3301V		
R6316 R6317	ERJ3EKF1102V ERJ3EKF1102V	MGF CHIP 1/16W 11K MGF CHIP 1/16W 11K	
R6318	ERJ3EKF1102V	MGF CHIP 1/16W 11K	
R6321	ERJ3GEYJ103V	MGF CHIP 1/16W 11K	
R6322	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6323	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6401	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R6511	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6512	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6513	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6514	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6515	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6516	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6517	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6522	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R7001	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R7002	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R7003	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R7033 R9501	ERJ3GEYJ102V ERJ3GEYJ750V	MGF CHIP 1/16W 1K MGF CHIP 1/16W 75	
R9501 R9502	ERJ3GEY0750V ERJ3GEY0R00V	MGF CHIP 1/16W /5	
R9502	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R9509	ERJ3GEYJ221V	MGF CHIP 1/16W 0	
R9510	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
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CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks	
C801	F0CAF334A021	POLYESTER 125V 0.33UF	\triangle	
C803	F0CAF104A021	POLYESTER 125V 0.1UF	\triangle	
C804	ECKATS102ME	CERAMIC 250V 1000PF	Δ	

	ef.	Part No.	Part Name & Description	Remarks
		ECKETS102ME	CERAMIC 250V 1000PF	Δ
		F1BAF102A059	CERAMIC 250V 1000PF	<u></u>
or	C804	F1BAH1020011	CERAMIC 250V 1000PF	Δ
or	C804	F1BAH1020013	CERAMIC 250V 1000PF	Δ
or	C804	F1B2E1020004	CERAMIC 250V 1000PF	Δ
C80	6	F1BAF472A082	CERAMIC 250V 4700PF	
C80	7	F1BAF472A082	CERAMIC 250V 4700PF	
C80	8	F1BAF472A082	CERAMIC 250V 4700PF	
C80	9	F1BAF472A082	CERAMIC 250V 4700PF	
C85	5	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C85	6	ECJ1VB1H471K	C CHIP 50V 470PF	
C85	7	F2B2D3310020	ELECTROLYTIC 200V 330UF (A,B,C)	Δ
C85	7	ECEC2DP561BB	ELECTROLYTIC 200V 560UF (D,E,F)	Δ
C85		F1B3D152A010	CERAMIC 2KV 1500PF	
C85		F1H1H221A009	C CHIP 50V 220PF	
C86		ECKATS152ME	CERAMIC 250V 1500PF	Δ
or	C861	ECKETS152ME	CERAMIC 250V 1500PF	⚠
C86	4	ECKR3A102KBP	CERAMIC 1KV 1000PF	
C86	5	F2A1E4710047	ELECTROLYTIC 25V 470UF	ļ.,
C86	7	F2B2D3310020	ELECTROLYTIC 200V 330UF	⚠
C86	8	F2A1E4710047	ELECTROLYTIC 25V 470UF	
C86	9	ECKN3A221KBP	CERAMIC 1KV 220PF	
C87	0	F2A2D4R70010	ELECTROLYTIC 200V 4.7UF	
C87	2	F2A2D8200003	ELECTROLYTIC 200V 82UF	Δ
C10	01	ECKATS332ME8	CERAMIC 250V 3300PF	\triangle
or C10	01	ECKETS332ME8	CERAMIC 125V 3300PF	\triangle
or C10		F1BAF3320029	CERAMIC 250V 3300PF	Δ
C10		ECA1HHG470I	ELECTROLYTIC 50V 47UF	
C10		ECKATS102ME	CERAMIC 250V 1000PF	Δ
C10		F2A2D8200003	ELECTROLYTIC 200V 82UF	\triangle
C10		ECJ1VB1H471K	C CHIP 50V 470PF	_
C10		F1B3D681A011	CERAMIC 2KV 680PF	
C10		ECA1HHG010B	ELECTROLYTIC 50V 1UF	
C10		F1J1H1040003	C CHIP 50V 0.1UF	
C10	11	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C10	13	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C10	15	F1H1H102A219	C CHIP 50V 1000PF	
C10	16	F1H1H103A220	C CHIP 50V 0.01UF	
C10		ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C10	18	F1J1H101A411	C CHIP 50V 100PF	
C10	20	F2A1E4710070	ELECTROLYTIC 25V 470UF	
C10		F1J1C2240007	C CHIP 16V 0.22UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C10		EEUFF0J222E	ELECTROLYTIC 6.3V 2200UF	
C10		ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C10		EEUFF0J222E	ELECTROLYTIC 6.3V 2200UF	
C10		ECA1HHG470I	ELECTROLYTIC 50V 47UF	
C10		F2A0J331A137	ELECTROLYTIC 6.3V 330UF	
C10		F1H1A105A028	C CHIP 10V 1UF	
C10		F1H1A105A028	C CHIP 10V 1UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C10		EEUFF0J222E	ELECTROLYTIC 6.3V 2200UF	
C10		F2A1E3310040	ELECTROLYTIC 25V 330UF	
C12		ECA1HHG100I	ELECTROLYTIC 50V 10UF	
C12		ECA1HHG470I	ELECTROLYTIC 50V 47UF	
C12		F2A1C2200034	ELECTROLYTIC 16V 22UF	
C12		ECEA0JEE101	ELECTROLYTIC 6.3V 100UF	
C12	13	F2A1E3310040	ELECTROLYTIC 25V 330UF	
C12	14	ECA1HHG470I	ELECTROLYTIC 50V 47UF	
C12		ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C13		F1J1C474A091	C CHIP 16V 0.47UF	
C13		F1H1A105A028	C CHIP 10V 1UF	
C16		F2A1E4R70022	ELECTROLYTIC 25V 4.7UF	
C16		F1H1H270A736	C CHIP 50V 27PF	
C16		F1H1C104A041	C CHIP 16V 0.1UF	
		F2A1C1000035	ELECTROLYTIC 16V 10UF	

Ref.	Part No.	Part Name & Description	Remarks
No. C3002	F1H1C104A041	G GUID 16V 0 1VE	
C3002	F1H1C104A041	C CHIP 16V 0.1UF C CHIP 16V 0.1UF	
C3004	F1H1H151A737	C CHIP 50V 150PF	
C3005	F1H1C104A041	C CHIP 16V 0.1UF	
C3006	F1H1C104A041	C CHIP 16V 0.1UF	
C3007	ECJ1VC1H330J	C CHIP 50V 33PF	
C3008	F2A1H4R70022	ELECTROLYTIC 50V 4.7UF	
C3009	F1H1A105A028	C CHIP 10V 1UF	
C3010	F1H1A105A028	C CHIP 10V 1UF	
C3011	F1H1A105A028	C CHIP 10V 1UF	
C3012	F1H1C104A041	C CHIP 16V 0.1UF	
C3013	F1H1A224A012	C CHIP 10V 0.22UF	
C3014 C3015	F2A0J4700014 F1H1C104A041	C CHIP 16V 0.1UF	
C3015	F1H1A105A028	C CHIP 10V 0.10F	
C3017	F1H1C104A041	C CHIP 16V 0.1UF	
C3018	F1H1C104A041	C CHIP 16V 0.1UF	
C3019	F1H1C104A041	C CHIP 16V 0.1UF	
C3020	F2A1H3R30014	ELECTROLYTIC 50V 3.3UF	
C3021	F1H1H103A219	C CHIP 50V 0.01UF	
C3022	F1H1H103A220	C CHIP 50V 0.01UF	
C3023	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C3024	F1H1H3310001	C CHIP 50V 330PF	
C3025	F2A0J4700014	C CHIR 50V 0 01HF	
C3026 C3028	F1H1H103A219 F1H1H103A220	C CHIP 50V 0.01UF C CHIP 50V 0.01UF	
C3028	F1H1H103A220	C CHIP 50V 0.01UF	
C3030	F1H1A105A028	C CHIP 10V 1UF	
C3031	F1H1H2R00008	C CHIP 50V 2PF	
C3032	F2A0J4700014	ELECTROLYTIC 6.3V 47UF	
C3033	F1H1A224A012	C CHIP 10V 0.22UF	
C3034	F1H1C104A041	C CHIP 16V 0.1UF	
C3035	F2A1H3R30014	ELECTROLYTIC 50V 3.3UF	
C3036	F2A1H2R20019	ELECTROLYTIC 50V 2.2UF	
C3037	F1H1H472A219	C CHIP 50V 4700PF	
C3038	ECJ1VB1E333K F1H0J474A002	C CHIP 25V 0.033UF	
C3040	ECJ1VB1C223K	C CHIP 6.3V 0.47UF C CHIP 16V 0.022UF	
C3041	F2A1E4R70022	ELECTROLYTIC 25V 4.7UF	
C3048	F1H1C104A008	C CHIP 16V 0.1UF	
C3049	F1H1H103A219	C CHIP 50V 0.01UF	
C3050	F1H1H103A219	C CHIP 50V 0.01UF	
C3051	F1H1H103A219	C CHIP 50V 0.01UF	
C3052		C CHIP 50V 0.01UF	
C3054	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	
C3055	F1H1C104A041 F1H1C104A041	C CHIP 16V 0.1UF	
C3056 C3057	F1H1C104A041	C CHIP 16V 0.1UF C CHIP 16V 0.1UF	
C3347	ECJ1VC1H330J	C CHIP 50V 33PF	
C4009	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C4010	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C4011	F1H1H152A219	C CHIP 50V 1500PF	
C4016	ECJ1VC1H150J	C CHIP 50V 15PF	
C4018	F2A0J2200012	ELECTROLYTIC 6.3V 22UF	
C4041	F2A1H2R20019	ELECTROLYTIC 50V 2.2UF	
C4042 C4052	F2A1E4R70022 F1H1C104A008	ELECTROLYTIC 25V 4.7UF C CHIP 16V 0.1UF	\vdash
C4052	F1H1C104A008 F1H1H102A219	C CHIP 16V 0.10F	
C4054	F2A0J2210029	ELECTROLYTIC 6.3V 220UF	
C4061	F1H1H103A748	C CHIP 50V 0.01UF	
C4062	ECEA1CKA330I	ELECTROLYTIC 16V 33UF	
C4063	F2A1H3R30014	ELECTROLYTIC 50V 3.3UF	
C4064	ECJ1VB1H182K	C CHIP 50V 1800PF	
C4065	ECJ1VB1H182K	C CHIP 50V 1800PF	
C4082	ECJ1VB1H471K	C CHIP 50V 470PF	
C4102	ECQB1562JF3	POLYESTER 100V 5600PF	
C4103 C4104	F1H1H103A219 F1H1H103A219	C CHIP 50V 0.01UF C CHIP 50V 0.01UF	
C4104 C4106	F2A1C2200034	ELECTROLYTIC 16V 22UF	
C4201	F2A1E4R70022	ELECTROLYTIC 25V 4.7UF	
C4202	F2A1E4R70022	ELECTROLYTIC 25V 4.7UF	
C4203	F2A0J3300011	ELECTROLYTIC 6.3V 33UF	
C4204	F2A0J3300011	ELECTROLYTIC 6.3V 33UF	

/ PV-DF20	35 / PV-DF275 / PV-I	DF2735 / PV-DF2035-K / PV-DF2735-K
Ref. No.	Part No.	Part Name & Description Remark
C4205	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4206	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4207	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4208	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4209	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4210	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4211	F1H1H153A219	C CHIP 50V 0.015UF
C4212	F1H1H153A219	C CHIP 50V 0.015UF
C4213	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4214	F2A1C1010047	ELECTROLYTIC 16V 100UF
C4215	F1H1H103A220	C CHIP 50V 0.01UF
C4217	F2A0J2200012	ELECTROLYTIC 6.3V 22UF
C4218	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4219	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4227	F1H1C2240004	C CHIP 16V 0.22UF
C4229	F1H1H103A220	C CHIP 50V 0.01UF
C4230	F2A0J4700014	ELECTROLYTIC 6.3V 47UF
C4239	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4240	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4241	ECJ1VC1H560J	C CHIP 50V 56PF
C4242	ECJ1VC1H560J	C CHIP 50V 56PF
C4401	F1H1H103A748	C CHIP 50V 0.01UF
C4402	F1H1H103A748	C CHIP 50V 0.01UF
C4455	ECJ1VB1E104K	C CHIP 25V 0.1UF
C4456	ECJ1VB1E104K	C CHIP 25V 0.1UF
C4458	F1H1H103A220	C CHIP 50V 0.01UF
C4459	F2A0J1010041	ELECTROLYTIC 6.3V 100UF
C4501	F2A1C2200034	ELECTROLYTIC 16V 22UF
C4502	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4503	F1H1H122A219	C CHIP 50V 1200PU
C4504	F1H1H122A219	C CHIP 50V 1200PU
C4505	F2A1H1R00035	ELECTROLYTIC 50V 1UF
		ELECTROLYTIC 50V 4.7UF
C4507	F2A1E4710047	ELECTROLYTIC 25V 470UF
C4508	F2A1E4710047	ELECTROLYTIC 25V 470UF
C4509		ELECTROLYTIC 16V 100UF
C4510	F2A1E4710047	ELECTROLYTIC 25V 470UF
C4601	F1H1C104A041	C CHIP 16V 0.1UF
C4602	F1H1H103A748	C CHIP 50V 0.01UF
	F1H1C104A041	C CHIP 16V 0.1UF
	F1H1H103A748	C CHIP 50V 0.01UF
C4605	F1H1C104A041	C CHIP 16V 0.1UF
		C CHIP 16V 0.1UF
C4607	F2A1H4R70022	
		ELECTROLYTIC 50V 4.7UF
C4610 C4612	F2A1H4R70022 F2A1H4R70022	ELECTROLYTIC 50V 4.7UF ELECTROLYTIC 50V 4.7UF
C4614	ECJ1VB1C823K	C CHIP 16V 0.082UF
C4615	F2A1C2200034	ELECTROLYTIC 16V 22UF
C4617	F1H1H103A220	C CHIP 50V 0.01UF
C4619	ECJ2YB1C334K	C CHIP 16V 0.33UF
C4621	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4622	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4623	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4624	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4627	ECJ1VC1H560J	C CHIP 50V 56PF
C4628	ECJ1VC1H560J	C CHIP 50V 56PF
C4629	F2A1C1020041	ELECTROLYTIC 16V 1000UF
C4901	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4902	F2A1H2R20019	ELECTROLYTIC 50V 2.2UF
C4903	F2A1H3R30014	ELECTROLYTIC 50V 3.3UF
C4904	F2A1H3R30014	ELECTROLYTIC 50V 3.3UF
C4905	F2A1C1000035	ELECTROLYTIC 16V 10UF
C4906	F2A1H1R00035	ELECTROLYTIC 50V 1UF
C4911	F1H1E223A029	C CHIP 25V 0.022UF
C4912	ECJ1VB1E104K	C CHIP 25V 0.1UF
C4913	F1H1H103A748	C CHIP 50V 0.01UF
C4914	F1H1C2240004	C CHIP 16V 0.22UF
	F2A0J1010041	ELECTROLYTIC 6.3V 100UF
C4915	l	C CHIP 50V 0.01UF
	F1H1H103A220	
C4915	F1H1H103A220 ECJ1VB1E104K	C CHIP 25V 0.1UF
C4915 C4916		
C4915 C4916 C4917	ECJ1VB1E104K	C CHIP 25V 0.1UF

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Ref.	Part No.	Part Name & Description	Remarks
No.			
C5301	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5302	F2A1E4R70022	ELECTROLYTIC 25V 4.7UF	
C5303	F2A1HR470012	ELECTROLYTIC 50V 0.47UF	
C5305	F2A1HR470012	ELECTROLYTIC 50V 0.47UF	
C5306	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5307	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5307	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5353	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5354	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5356	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5358	ECJ1VC1H220J	C CHIP 50V 22PF	
C5401	F1J1C2240007	C CHIP 16V 0.22UF	
C5402	F1H1H222A219	C CHIP 50V 2200PF	
C5403	F2A1H2R20019	ELECTROLYTIC 50V 2.2UF	
C5501	F1H1E183A029	C CHIP 25V 0.018UF	
C5502	ECJ1VB1H681K	C CHIP 50V 680PF	
C5505	F2A1C2210040	ELECTROLYTIC 16V 220UF	
C5506	F1H1H103A220	C CHIP 50V 0.01UF	
C5507	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C5508	F1J1H221A501	C CHIP 50V 220PF	
C5510	F2A1H1R00035	ELECTROLYTIC 50V 1UF	
C5511	ECJ1VB1E333K	C CHIP 25V 0.033UF	
C5516	ECJ1VB1E333K	C CHIP 25V 0.033UF	1
	F1H1H103A220		1
C5601		C CHIP 50V 0.01UF	
	ECJ1VB1E104K	C CHIP 25V 0.1UF	+
C5603	ECJ1VC1H150J	C CHIP 50V 15PF	1
C5604	F2A1H1R00035	ELECTROLYTIC 50V 1UF	
C5605	F1H1E153A029	C CHIP 25V 0.015UF	
C5654	F2A1H1R00035	ELECTROLYTIC 50V 1UF	
C5656	F2A0J4700014	ELECTROLYTIC 6.3V 47UF	
C5657	F1H1E104A030	C CHIP 25V 0.1UF	
C5658	F1H1H103A220	C CHIP 50V 0.01UF	
—			
C5659	F1H1H103A220	C CHIP 50V 0.01UF	
C5660	F1H1H103A220	C CHIP 50V 0.01UF	
C5661	F1H1H104A731	C CHIP 50V 0.01UF	
C5662	F2A0J4700014	ELECTROLYTIC 6.3V 47UF	
C5664	F1H1H103A220	C CHIP 50V 0.01UF	
C5665	F1H1H103A220	C CHIP 50V 0.01UF	
C5668	F1H1H103A220	C CHIP 50V 0.01UF	
C5669	F1H1H181A230	C CHIP 50V 180PF	
	<u> </u>		
C5670	F1H1H103A220	C CHIP 50V 0.01UF	
C5671	F1H1H103A220	C CHIP 50V 0.01UF	
C5672	F1H1H103A220	C CHIP 50V 0.01UF	
C5673	ECJ1VC1H180J	C CHIP 50V 18PF	
C5674	ECJ1VC1H390J	C CHIP 50V 39PF	
C5677	F1H1E104A030	C CHIP 25V 0.1UF	
C5678	F2A1C2200034	ELECTROLYTIC 16V 22UF	
C5681	F1H1H103A220	C CHIP 50V 0.01UF	
C5685			1
	F1H1H103A220	C CHIP 50V 0.01UF	+
C5686	F1H1H103A220	C CHIP 50V 0.01UF	-
C5687	ECJ1VC1H220J	C CHIP 50V 22PF	1
C5688	F1H1H103A220	C CHIP 50V 0.01UF	
C5689	F1H1H103A220	C CHIP 50V 0.01UF	
C5690	F2A1C4700035	ELECTROLYTIC 16V 47UF	
C5902	F2A1C4700035	ELECTROLYTIC 16V 47UF	
C5903	F2A1C4700035	ELECTROLYTIC 16V 47UF	
C5904	F1H1C104A041	C CHIP 16V 0.1UF	
			+
C5905	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	+
C5906	F1H1H103A220	C CHIP 50V 0.01UF	1
C5907	F1H1H104A731	C CHIP 50V 0.01UF	
C5908	F2A1C1010047	ELECTROLYTIC 16V 100UF	
C5932	F1H1H103A220	C CHIP 50V 0.01UF	
C5933	ECJ1VC1H560J	C CHIP 50V 56PF	
C5934	ECJ1VC1H560J	C CHIP 50V 56PF	
C6001	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	1
			1
C6002	ECJ1VC1H220J	C CHIP 50V 22PF	1
C6003	ECJ1VC1H180J	C CHIP 50V 18PF	1
C6005	F1H1H103A220	C CHIP 50V 0.01UF	
C6006	F1J1E1040007	C CHIP 25V 0.1UF	
C6007	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	
C6008	F2A0J4700014	ELECTROLYTIC 6.3V 47UF	
C6010	F1H1E104A030	C CHIP 25V 0.1UF	
C6016	F1H1H103A220	C CHIP 50V 0.01UF	1
[C0016	- THITH USAZZU	C CHITE 304 0.010E	1

Ref.	Part No.	Part Name & Description	Remarks
No.	Part No.	Part Name & Description	Remarks
C6019	ECJ1VC1H330J	C CHIP 50V 33PF	
C6020	F2A1H1R00035	ELECTROLYTIC 50V 1UF	
C6021	F2A0J2200012	ELECTROLYTIC 6.3V 22UF	
C6022	F2A1C1000035	ELECTROLYTIC 16V 10UF	
C6023	F1H1H272A219	C CHIP 50V 2700PF	
C6024	F1H1H1230001	C CHIP 50V 0.012UF	
C6025	ECJ1VB1E104K	C CHIP 25V 0.1UF	
C6026	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	
C6030	F1H1H104A731	C CHIP 50V 0.01UF	
C6032	ECJ1VC1H101J	C CHIP 50V 100PF	
C6036	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	
C6037	F1H1H104A731	C CHIP 50V 0.01UF	
C6041	ECJ1VB1H681K	C CHIP 50V 680PF	
C6101	F1H1H104A731	C CHIP 50V 0.01UF	
C6102	F1H1H104A731	C CHIP 50V 0.01UF	
C6201	F1H1C563A071	C CHIP 16V 0.056UF	
C6202	F1H1C563A071	C CHIP 16V 0.056UF	
C6203	F1H1H562A219	C CHIP 50V 5600PF	
	F1H1H562A219	C CHIP 50V 5600PF	
C6205	F1H1H103A748	C CHIP 50V 0.01UF	
C6206	F1H1C104A041	C CHIP 16V 0.1UF	
C6207	F1J1C2240007	C CHIP 16V 0.22UF	
	F1J1H223A623	C CHIP 50V 0.22UF	
C6209	F1J1H223A623	C CHIP 50V 0.22UF	
C6210	F1H1H103A748	C CHIP 50V 0.01UF	
	F1H1H102A219	C CHIP 50V 1000PF	
C6212	F1H1H102A219	C CHIP 50V 1000PF	
C6213	F2A1H1R00035	ELECTROLYTIC 50V 1UF	
C6214	ECJ1VB1H182K	C CHIP 50V 1800PF	
	F1H1H104A731	C CHIP 50V 0.01UF	
C6216	F2A0J2210029	ELECTROLYTIC 6.3V 220UF	
C6217	F2A1C4700035	ELECTROLYTIC 16V 47UF	
C6218	F1H1C104A041	C CHIP 16V 0.1UF	
	F1H1C104A041	C CHIP 16V 0.1UF	
C6220	F1H1C104A041	C CHIP 16V 0.1UF	
C6221	F2A1E2210041	ELECTROLYTIC 25V 220UF	
	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	
C6227	F1J1C105A083	C CHIP 16V 1UF	
C6401	F1H1H104A731	C CHIP 50V 0.01UF	
C6402	F2A0J1010041 F1J1H102A623	C CHIP 50V 1000PF	
C6404	ECJ1VB1E333K	C CHIP 50V 1000PF	
C6404	F1J1H102A623	C CHIP 25V 0.0330F	
C6406	F1H1H5610004	C CHIP 50V 560PF	+
C6407	F1H1C104A041	C CHIP 16V 0.1UF	
C6408	F1H1H820A736	C CHIP 50V 82PF	
C6409	ECJ1VC1H101J	C CHIP 50V 100PF	
C7001	F2A0J1020034	ELECTROLYTIC 6.3V 1000UF	+
C7002	F1H1H103A748	C CHIP 50V 0.01UF	+
C7003	F1H1H100A735	C CHIP 50V 10PF	+
C7008	F1H1H100A735	C CHIP 50V 10PF	+
C7011	F1H1H103A748	C CHIP 50V 0.01UF	
C7021	ERJ3GEY0R00V	MGF CHIP 1/16W 0	+
C7040	F1H1H560A230	C CHIP 50V 56PF	

FILTERS

Ref. No.	Part No.	Part Name & Description	Remarks
FL5651	F1Y2A1030005	L/C COMPLX CMP	

		COILS	
Ref.	Part No.	Part Name & Description	Remarks
No.			
L801	G0B452H00001	LINE FILTER 2.5A 4.5MH	\triangle
or L801	ELF21V025A	LINE FILTER 2.5A 4.5MH	\triangle
or L801	G0B452H00002	LINE FILTER 2.5A 4.5MH	\triangle
L802	G0B452H00001	LINE FILTER 2.5A 4.5MH	\triangle
or L802	ELF21V025A	LINE FILTER 2.5A 4.5MH	\triangle
or L802	G0B452H00002	LINE FILTER 2.5A 4.5MH	\triangle
L850	J0JKA0000016	FERRITE BEAD WITH LEAD	
L855	G0A100HA0023	COIL 10UH	
L856	G0A220GA0026	COIL 22UH	
L857	J0JHB0000021	EMI FILTER CHIP	
L1001	G0B183E00002	LINE FILTER 0.5A 18MH	Δ

Ref. No.	Part No.	Part Name & Description	Remarks
or	ELF15N005A	LINE FILTER 0.5A 18MH	\triangle
L1001	ELFISHOUSA	LINE FILLER U.SA TOMA	25
or	G0B183D00008	LINE FILTER 0.5A 18MH	Δ
L1001			
L1003	G0A220GA0026	COIL 22UH	
L1004	G0A220GA0026	COIL 22UH	
L1005	G0A220GA0026	COIL 22UH	
L1006	G0A220GA0026	COIL 22UH	
L1007	G0A100HA0023	COIL 10UH	
L1009	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
L1010	G0A220GA0026	COIL 22UH	
L1601	J0JCC0000004	EMI FILTER CHIP	
L1602	J0JCC0000004	EMI FILTER CHIP	
L1621	G0C220K00008	COIL 22UH	
L3001	G0C271JA0019	COIL 270UH	
L3002	G0C150KA0045	COIL 15UH	
L3003	G0C680KA0045	COIL 68UH	
L3004	G1C120JA0036	COIL CHIP 12UH	
L3005	G0C330KA0045	COIL 33UH	
L3008	G0C560KA0045	COIL 56UH	
L3011	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4003	G0C270KA0045	COIL 27UH (A,B,C)	
L4003	G0C150KA0045	COIL 15UH (D,E,F)	
L4101	G0C471JA0021	COIL 470UH	
L4201	G0C101KA0030	COIL 100UH	
L4451	G0C101KA0030	COIL 100UH	
L4501	J0JBC0000014	BEAD INDUCTOR CHIP	
L4502	J0JBC0000014	BEAD INDUCTOR CHIP	
L4503	J0JBC0000014	BEAD INDUCTOR CHIP	
L4504	J0JBC0000014	BEAD INDUCTOR CHIP	
L4601	G0C101KA0030	COIL 100UH	
L4901	G0C101KA0030	COIL 100UH	
L4902	G0C101KA0030	COIL 100UH	
L5652	G0C150JA0019	COIL 15UH	
L5653	G0C101KA0030	COIL 100UH	
L5654	G0C270JA0019	COIL 27UH	
L5655	G0C101KA0030	COIL 100UH	
L5658	G0C101JA0019	COIL 100UH	
L5659	G0C101KA0030	COIL 100UH	
L5661	G0C101KA0030	COIL 100UH	
L5901	G0C101KA0030	COIL 100UH	
L6401	G0C101KA0045	COIL 100UH	
L6402	G0C4R7JA0019	COIL 4.7UH	
L6403	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
L6404	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
L6405	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
L6406	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
L7001	G0C100JA0071	COIL 10UH	
L7002	G0C101KA0045	COIL 100UH	

CRYSTAL OSCILLATOR

Ref. No.	Part No.	Part Name & Description	Remarks
X3001	H0D357400068	CRYSTAL OSCILLATOR	
X5501	H2A503300012	CRYSTAL OSCILLATOR	
X5601	нов357400003	CRYSTAL OSCILLATOR	
X6001	H0A120500003	CRYSTAL OSCILLATOR	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P801	K1KA02A00593	CONNECTOR 2P	
P851	VEKS9479	CONNECTOR CABLE W/PLUG	
P1006	K1MR11A00017	CONNECTOR 11P	
P3501	K1MN09A00029	CONNECTOR 9P	
P3502	LSEK0540	GROUNDING WIRE	
P3503	LSEK0540	GROUNDING WIRE	
P4001	K1MZ02A00003	FE CONNECTOR 2P	
P4002	K1MN06A00030	CONNECTOR 6P	
P4501	K1KA02A00375	CONNECTOR 2P	
P4502	K1KA02A00375	CONNECTOR 2P	
P4801	K1MN16A00070	CONNECTOR 16P	
P5302	K1MP04A00006	CONNECTOR 4P	
P5501	K1MN13A00049	CONNECTOR 13P	
P6001	K1KA05A00268	CONNECTOR 5P	

Ref.	Part No.	Part Name & Description	Remarks
No.			
P6201	K1KA08A00290	CONNECTOR 8P	
P6202	K1MN07A00017	CONNECTOR 7P	
P6203	K1KA02A00375	CONNECTOR 2P	

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW6001	K0C111A00006	SWITCH	
SW6002	K0ZZ00000598	SWITCH	
SW6301	EVQ21405R	SWITCH PUSH	
SW6302	EVQ21405R	SWITCH PUSH	
SW6303	EVQ21405R	SWITCH PUSH	
SW6304	EVQ21405R	SWITCH PUSH	
SW6307	EVQ21405R	SWITCH PUSH	
SW6308	EVQ21405R	SWITCH PUSH	
SW6309	EVQ21405R	SWITCH PUSH	
SW6310	EVQ21405R	SWITCH PUSH	
SW6313	EVQ21405R	SWITCH PUSH	
SW6314	EVQ21405R	SWITCH PUSH	

FUSE & PROTECTOR

Ref.	Part No.	Part Name & Description	Remarks
No.			
F801	K5D632AQ0002	FUSE 125V 6.3A	\triangle
or F801	K5D632ADA001	FUSE 125V 6.3A	\triangle
PR850	D4FA7R00A002	IC PROTECTOR 7A	\triangle
PR1001	D4FA7R00A002	IC PROTECTOR 7A	\triangle
PR1002	UNH000600A	IC PROTECTOR 2.5A	\triangle
or	D4FA2R50A002	IC PROTECTOR 2.5A	\triangle
PR1002			

RELAY

Ref.	Part No.	Part Name & Description	Remarks
RL591	K6B1AGA00177	RELAY	Δ
or RL591	K6B1AGA00037	RELAY	Δ
or RL591	K6B1AGA00042	RELAY	Δ
RL801	K6B1AGA00177	RELAY	Δ
or RL801	K6B1AGA00037	RELAY	Δ
or RL801	K6B1AGA00042	RELAY	Δ

TRANSFORMER

Ref. No.	Part No.	Part Name & Description	Remarks
T850	ETS35AA6S5ND	TRANSFORMER	\triangle
T1001	LSTP0129	TRANSFORMER SWITCHING	Δ
T4101	G2A342C00004	TRANSFORMER	

JACKS

		0710110	
Ref. No.	Part No.	Part Name & Description	Remarks
JK1601	B3RAE0000030	IC, JACK OPTICAL OUTPUT	
JK4591	K2HC103B0047	EARPHONE JACK SOCKET	
JK4702	K2HA306B0094	FRONT AUDIO/VIDEO JACK SOCKET	
JK9501	K2HA203B0014	AUDIO JACK SOCKET	
JK9502	K2HA305B0004	AUDIO/VIDEO JACK SOCKET	

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
483	XYN3+F10FJ	SCREW W/WASHER,STEEL	
487	XYN3+J8FJ	SCREW W/WASHER,STEEL	
743	J3AAABB00002	TUNER, UHF/VHF NR	
771	EYF52BCY	FUSE HOLDER	
797	LSSC0529	HEAT SINK (A,B,C)	
797	LSSC0562	HEAT SINK (D,E,F)	
799	LSSC0793	HEAT SINK	

12.3.2. OPERATION C.B.A.

DIODES

Ref. No.	Part No.	Part Name & Description	Remarks
D6303	B3ABA0000400	LIGHT EMITTING DIODE GREEN	

RESISTORS

Ref.	Part No.	Part Name & Description	Remarks
R6305	ERJ3EKF3302V	MGF CHIP 1/16W 33K	
R6313	ERJ3EKF5601V	MGF CHIP 1/16W 5.6K	

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks
C6302	F1H1H104A731	C CHIP 50V 0.01UF	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P6302	LSJWD7S040AA	CONNECTOR CABLE W/OUT PLUG	

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW6305	EVQ21405R	SWITCH PUSH	
SW6306	EVQ21405R	SWITCH PUSH	
SW6311	EVQ21405R	SWITCH PUSH	
SW6315	EVQ21405R	SWITCH PUSH	
SW6316	EVQ21405R	SWITCH PUSH	

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
711	PNA4611M00HC	INFRARED RECEIVER UNIT	

12.3.3. DEFLECTION C.B.A.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	Е
PV-DF275	F

INTEGRATED CIRCUITS

Ref.	Part No.	Part Name & Description	Remarks
IC451	C1AA00000709	IC, LINEAR	
IC752	C0ABAA000005	IC, LINEAR (D,E,F)	

TRANSISTORS

Ref.	Part No.	Part Name & Description	Remarks
No.			
Q431	2SA1309AHA	TRANSISTOR SI PNP CHIP	
or Q431	B1ACCF000047	TRANSISTOR SI PNP CHIP	
Q501	B1AACN000015	TRANSISTOR SI NPN (A,B,C)	
Q501	2SC3941H	TRANSISTOR SI NPN (D,E,F)	
Q523	2SA17670QA	TRANSISTOR SI PNP CHIP	
Q551	B1BAFT000005	TRANSISTOR SI NPN (A,B,C)	lacktriangle
Q551	B1BAES000002	TRANSISTOR SI NPN (D,E,F)	\triangle
Q571	2SD1819A0L	TRANSISTOR SI NPN CHIP	
or Q571	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q751	2SD14990P0LB	TRANSISTOR SI NPN (D,E,F)	
Q753	2SA1309AHA	TRANSISTOR SI PNP CHIP (
		D,E,F)	
or Q753	B1ACCF000047	TRANSISTOR SI PNP CHIP (
		D,E,F)	
Q754	2SC3311A0A	TRANSISTOR SI NPN (D,E,F)	

Ref. Part No.		Part No.	Part Name & Description	Remarks
N	o.			
or	Q754	B1AACF000092	TRANSISTOR SI NPN (D,E,F)	
or	Q754	B1AACF000095	TRANSISTOR SI NPN (D,E,F)	

Ref. No.	Part No.	Part Name & Description	Remarks
D401	B0AAML000001	DIODE SI	
or D401	B0EAKL000008	DIODE SI	
D402	MA2C165001VT	DIODE SI	
or D402	B0AACK000004	DIODE SI	
D503	B0HAGP000014	DIODE SI	
D504	MAZ40470MF	DIODE ZENER 4.7V	
or D504	B0BA4R600003	DIODE ZENER 4.7V	
D505	MA2C165001VT	DIODE SI	
or D505	B0AACK000004	DIODE SI	
D506	MAZ42700MF	DIODE ZENER 27V (D,E,F)	
D553	B0HAGP000014	DIODE SI	
D554	MA2C16700E	DIODE SI	
or D554	B0AAEL000001	DIODE SI	
D555	MAZ40680MF	DIODE ZENER 6.8V	
or D555	B0BA6R600008	DIODE ZENER 6.8V	
D558	B0HAGP000014	DIODE SI	
D571	B0HANV000017	DIODE SI (D,E,F)	
or D571	B0HAMV000028	DIODE SI (D,E,F)	
D572	B0HAMR000076	DIODE SI (D,E,F)	
or D572	B0HAMR000060	DIODE SI (D,E,F)	
or D572	B0HAMR000063	DIODE SI (D,E,F)	
D704	MA2C029TAF	DIODE SI (D,E,F)	
D752	MA2C165001VT	DIODE SI (D,E,F)	
or D752	B0AACK000004	DIODE SI (D,E,F)	

RESISTORS

		KESISTONS	
Ref. No.	Part No.	Part Name & Description	Remarks
R401	ERJ3GEYJ471V	MGF CHIP 1/16W 470 (A,B,C)	
R401	ERJ3GEYJ122V	MGF CHIP 1/16W 1.2K (D,E,F)	
R402	ERDS2TJ223	CARBON 1/4W 22K (A,B,C)	
R402	ERDS2TJ183T	CARBON 1/4W 18K (D,E,F)	
R405	ERG1SJ331P	METAL OXIDE 1W 330	
R409	ERJ6GEYJ273V	MGF CHIP 1/10W 27K (A,B,C)	
R409	ERJ6GEYJ223V	MGF CHIP 1/10W 22K (D,E,F)	
R410	ERDS2TJ392	CARBON 1/4W 3.9K (A,B,C)	
R410	ERDS2TJ223	CARBON 1/4W 22K (D,E,F)	
R411	ERJ3GEYJ823V	MGF CHIP 1/16W 82K (A,B,C)	
R411	ERJ3GEYJ223V	MGF CHIP 1/16W 22K (D,E,F)	
R413	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R414	ERDS1FJ1R2P	CARBON 1/2W 1.2 (A,B,C)	Δ
R414	ERDS1FJ1R8P	CARBON 1/2W 1.8 (D,E,F)	Δ
R415	ERDS1FJ1R8P	CARBON 1/2W 1.8 (D,E,F)	Δ
R416	ERDS2TJ101	CARBON 1/4W 100 (D,E,F)	
R422	ERDS2TJ331	CARBON 1/4W 330	
R427	ERDS1FJ1R5P	CARBON 1/2W 1.5	Δ
R431	ERDS2TJ821	CARBON 1/4W 820	
R432	ERJ3GEYJ513V	MGF CHIP 1/16W 51K (A,B,C)	
R432	ERJ3GEYJ333V	MGF CHIP 1/16W 33K (D,E,F)	
R434	ERDS2TJ472	CARBON 1/4W 4.7K	
R435	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R436	ERJ3GEYJ104V	MGF CHIP 1/16W 100K	
R466	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R468	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R471	ERDS1FJ152P	CARBON 1/2W 1.5K	Δ
R501	ERDS2TJ471	CARBON 1/4W 470	
R502	ERDS2TJ561	CARBON 1/4W 560	
R503	EROS2THF8661	PRECISION METAL FILM 1/4W 8.66K	Δ
R508	ERDS1FJ1R0P	CARBON 1/2W 1	Δ
R509	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R511	ERG2SJ222H	METAL OXIDE 2W 2.2K (A,B,C)	
R511	ERG2SJ272H	METAL OXIDE 2W 2.7K (D,E,F)	
R512	ERDS2TJ122	CARBON 1/4W 1.2K (A,B,C)	
R513	ERDS2TJ472	CARBON 1/4W 4.7K	
R515	ERDS2TJ122	CARBON 1/4W 1.2K (D,E,F)	
R516	D0C5222JA007	MGF CHIP 1/10W 2.2K (A,B,C)	
R516	D0C5152JA007	MGF CHIP 1/10W 1.5K (D,E,F)	

Ref.	Part No.	Part Name & Description	Remarks
R519	ERDS2TJ123	CARBON 1/4W 12K	
R523	ERDS2TJ563T	CARBON 1/4W 56K (D,E,F)	
R524	ERDS2TJ103	CARBON 1/4W 10K	
R525	ERDS2TJ124	CARBON 1/4W 120K	
R526	ERX2SJR75H	METAL OXIDE 2W 0.75	Δ
			7:5
R552	ERDS2TJ472	CARBON 1/4W 4.7K	
R553	ERDS2TJ102	CARBON 1/4W 1K	
R554	ERG2SJ102H ERDS2TJ473	METAL OXIDE 2W 1K (D,E,F) CARBON 1/4W 47K (A,B,C)	
R555			
R555	ERDS2TJ273 ERDS2TJ473	CARBON 1/4W 27K (D,E,F) CARBON 1/4W 47K	
R556		·	
R557	ERG2SJ102H	METAL OXIDE 2W 1K (A,B,C)	
R558	ERDS2TJ333T	CARBON 1/4W 33K (A,B,C)	
R558	ERDS2TJ273	CARBON 1/4W 27K (D,E,F)	Α
R561	ERQ1CJP2R7S	FUSE 1W 2.7 (A,B,C)	Δ
R561	ERQ1CJP2R2S	FUSE 1W 2.2 (D,E,F)	Δ
R562	ERF5ZK3R9	W FLMPRF 5W 3.9 (A,B,C)	
R571	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R572	ERDS2TJ561	CARBON 1/4W 560	
R573	ERDS2TJ101	CARBON 1/4W 100	
R574	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R585	ERDS2TJ683	CARBON 1/4W 68K (D,E,F)	
R586	ERDS2TJ562	CARBON 1/4W 5.6K	
R590	ERDS2TJ562	CARBON 1/4W 5.6K	
R701	ERQ1ABJP560S	FUSE 1W 560 (D,E,F)	Δ
R710	ERQ1CJP2R2S	FUSE 1W 2.2 (D,E,F)	Δ
R713	ERDS2TJ471	CARBON 1/4W 470 (D,E,F)	
R714	ERDS2TJ272	CARBON 1/4W 2.7K (D,E,F)	
R752	ERJ3GEYJ181V	MGF CHIP 1/16W 180 (D,E,F)	
R753	EVMEGSA00B14	VARIABLE 10K (D,E,F)	
R755	ERDS2TJ101	CARBON 1/4W 100 (D,E,F)	
R756	ERDS2TJ152	CARBON 1/4W 1.5K (D,E,F)	
R757	ERJ3GEYJ752V	MGF CHIP 1/16W 75K (D,E,F)	
R758	ERJ3GEYJ823V	MGF CHIP 1/16W 82K (D,E,F)	
R759	ERJ3GEYJ683V	MGF CHIP 1/16W 68K (D,E,F)	
R760	ERJ3GEYJ474V	MGF CHIP 1/16W 470K (D,E,F)	
R761	ERJ3GEYJ103V	MGF CHIP 1/16W 10K (D,E,F)	
R762	ERJ3GEYJ123V	MGF CHIP 1/16W 12K (D,E,F)	
R763	EVMEGSA00B14	VARIABLE 10K (D,E,F)	
R764	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K (D,E,F)	
R765	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K (D,E,F)	
R766	EVMEGSA00B14	VARIABLE 10K (D,E,F)	
R767	ERJ3GEYJ123V	MGF CHIP 1/16W 12K (D,E,F)	
R768	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K (D,E,F)	
R769	ERJ3GEYJ102V	MGF CHIP 1/16W 1K (D,E,F)	
R771	ERJ3GEYJ512V	MGF CHIP 1/16W 5.1K (D,E,F)	
R772	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K (D,E,F)	
R773	ERJ3GEYJ823V	MGF CHIP 1/16W 82K (D,E,F)	
R774	ERJ3GEYJ102V	MGF CHIP 1/16W 1K (D,E,F)	
R776	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K (D,E,F)	
R777	ERJ3GEYJ154V	MGF CHIP 1/16W 150K (D,E,F)	
R779	ERJ3GEYJ124V	MGF CHIP 1/16W 120K (D,E,F)	
R791	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K (D,E,F)	
R792	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K (D,E,F)	
R793	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K (D,E,F)	
R794	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K (D,E,F)	
R795	ERJ3GEYJ393V	MGF CHIP 1/16W 39K (D,E,F)	
R796	ERJ3GEYJ154V	MGF CHIP 1/16W 150K (D,E,F)	
R797	ERJ3GEYJ154V	MGF CHIP 1/16W 150K (D,E,F)	
R798	ERJ3GEYJ101V	MGF CHIP 1/16W 100 (D,E,F)	
R799	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K (D,E,F)	

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks
C401	F2A1H2R20020	ELECTROLYTIC 50V 2.2UF (A,B,C)	
C401	F2A1HR330007	ELECTROLYTIC 50V 0.33UF (D,E,F)	
C402	F2A1C4710038	ELECTROLYTIC 16V 470UF	
C408	ECA1HGE010KB	ELECTROLYTIC 50V 1UF	
C409	F2A1V2210038	ELECTROLYTIC 35V 220UF	
C413	ECQB1H104KF	POLYESTER 50V 0.1UF (A,B,C)	

Ref.	Part No.	Part Name & Description	Remarks
No. C413	ECQB1104JF3	POLYESTER 200V 0.10UF (D,E,F	
C414	F2A1E1020038	ELECTROLYTIC 25V 1000PF (
		A,B,C)	
C414	F2A1E2220028	ELECTROLYTIC 25V 2200UF (D,E,F)	
C418	F2A1V3310028	ELECTROLYTIC 35V 330UF (A,B,C)	
C418	ECA1VM471B	ELECTROLYTIC 35V 470UF (D,E,F)	
C458	ECQB1H103KF3	POLYESTER 50V 0.01UF	
C460	F2A1H1R00039	ELECTROLYTIC 50V 1UF (D,E,F)	
C510	ECKR3A102KBP	CERAMIC 1KV 1000PF (A,B,C)	
C510	F1B3D681A011	CERAMIC 2KV 680PF (D,E,F)	
C513	ECEA1VKA470B	ELECTROLYTIC 35V 47UF	
C521	F2A1H1000034	ELECTROLYTIC 50V 10UF	
C523	F2A1H1000034	ELECTROLYTIC 50V 10UF	
C524	ECKR3D222KBP	CERAMIC 2KV 2200PF (D,E,F)	Δ
C525	ECKR3D152KBP	CERAMIC 2KV 1500PF (D,E,F)	\triangle
C526	ECQB1H473KF3	POLYESTER 50V 0.047UF (D,E,F	
C552	ECWH16103JVB	POLYESTER 1600V 0.01UF (D,E,F)	
C554	ECQF4393JZH	CERAMIC 400V 0.39UF (D,E,F)	
C555	ECWH16912JVB	POLYESTER 1600V 9100PF (A,B,C)	Δ
C555	ECWH20472JVB	POLYESTER 2000V 4700PF (D,E,F)	Δ
C556	ECWF2244JBB	POLYESTER 250V 0.24UF (A,B,C	
C556	ECWF2394JSB	POLYESTER 250V 0.39UF (D,E,F	
C558	F2A1V3310028	ELECTROLYTIC 35V 330UF (A,B,C)	
C558	F2A1V1020033	ELECTROLYTIC 35V 1000UF (D,E,F)	
C560	ECA2EM100B	ELECTROLYTIC 250V 10UF	\triangle
C561	F2A1H4R70026	ELECTROLYTIC 50V 4.7UF	
C562	F2A1H2R20023	ELECTROLYTIC 50V 2.2UF (D,E,F)	
C563	F1B3D681A011	CERAMIC 2KV 680PF (D,E,F)	
C575	F2A2D3300010	ELECTROLYTIC 200V 33UF	
C576	ECKW3D681KBP	CERAMIC 2KV 680PF (A,B,C)	Δ
C576	ECKW3D271KBP	CERAMIC 2KV 270PF (D,E,F)	\triangle
C703	ECQE1685KFB	POLYESTER 100V 0.68UF (D,E,F	
C704	ECQE2474KFB	POLYESTER 250V 0.47 (D,E,F)	
C761	F1H1H103A220	C CHIP 50V 0.01UF (D,E,F)	
C762	F2A1C100A217	ELECTROLYTIC 16V 10UF (D,E,F	
	1		
C764	F1H1H102A219	IC CHIP 200 IOOOPE (D.E.E.)	
C764 C765	F1H1H102A219 F2A1HR330007	C CHIP 50V 1000PF (D,E,F) ELECTROLYTIC 50V 0.33UF (
C765	F2A1HR330007	ELECTROLYTIC 50V 0.33UF (D,E,F)	
C765 C767	F2A1HR330007 F1J1C2240007	ELECTROLYTIC 50V 0.33UF (D,E,F) C CHIP 16V 0.22UF (D,E,F)	
C765 C767 C768	F2A1HR330007 F1J1C2240007 F1H1H392A219	ELECTROLYTIC 50V 0.33UF (D,E,F) C CHIP 16V 0.22UF (D,E,F) C CHIP 50V 3900PF (D,E,F)	
C765 C767 C768 C792	F2A1HR330007 F1J1C2240007 F1H1H392A219 ECJ1VB1E104K	ELECTROLYTIC 50V 0.33UF (D,E,F) C CHIP 16V 0.22UF (D,E,F) C CHIP 50V 3900PF (D,E,F) C CHIP 25V 0.1UF (D,E,F)	
C765 C767 C768	F2A1HR330007 F1J1C2240007 F1H1H392A219	ELECTROLYTIC 50V 0.33UF (D,E,F) C CHIP 16V 0.22UF (D,E,F) C CHIP 50V 3900PF (D,E,F)	

COILS

Ref.	Part No.	Part Name & Description	Remarks
No.			
L551	ELH5L6141	COIL (D,E,F)	\triangle
L552	J0JKA0000015	COIL (D,E,F)	
L554	ELH5L4149	COIL (A,B,C)	\triangle
L554	ELH5L8106	COIL (D,E,F)	\triangle
L701	ELC18B471L	COIL (D,E,F)	
L704	G0C682JA0040	COIL 6.8MH (D,E,F)	

PIN HEADERS

	Ref. No.	Part No.	Part Name & Description	Remarks
P	501	K1MN13A00049	CONNECTOR 13P	
P	502	K1KA02A00593	CONNECTOR 2P	

Ref.	Part No.	Part Name & Description	Remarks
No.			
P503	K1MP06A00004	CONNECTOR 6P (D,E,F)	
P504	K1MP04A00013	CONNECTOR 4P (A,B,C)	

TRANSFORMER

Ref.	Part No.	Part Name & Description	Remarks
T501	ETH09K8AZ	TRANSFORMER (A.B.C)	
T501	ETH19Y70AY	TRANSFORMER (D,E,F)	
T551	G4G5K0000001	TRANSFORMER (A,B,C)	Δ
T551	G4G6L0000003	TRANSFORMER (D,E,F)	Δ

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
151	TMM77408	CLAMPER	
470	XTV3+10GFJ	TAPPING SCREW, STEEL	
483	XYN3+F10FJ	SCREW W/WASHER, STEEL	
728	LUS63008A	HEAT SINK (A,B,C)	
728	LSSC0254	HEAT SINK (D,E,F)	
760	TUC77628	HEAT SINK	
794	TUC15776	HEAT SINK (D,E,F)	

12.3.4. CRT C.B.A.

(Models: A, B, C)

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	E
PV-DF275	F

TRANSISTORS

Ref.	Part No.	Part Name & Description	Remarks
Q351	2SC3063000RL	TRANSISTOR SI NPN	
or Q351	B1BAAN000034	TRANSISTOR SI NPN	
or Q351	B1BAAN000035	TRANSISTOR SI NPN	
Q352	2SC3063000RL	TRANSISTOR SI NPN	
or Q352	B1BAAN000034	TRANSISTOR SI NPN	
or Q352	B1BAAN000035	TRANSISTOR SI NPN	
Q353	2SC3063000RL	TRANSISTOR SI NPN	
or Q353	B1BAAN000034	TRANSISTOR SI NPN	
or Q353	B1BAAN000035	TRANSISTOR SI NPN	

DIODES

Ref.	Part No.	Part Name & Description	Remarks	
No.				
D351	MAZ41500MF	DIODE ZENER 15V		
or D351	B0BA01400041	DIODE ZENER 15V		

RESISTORS

Ref.	Part No.	Part Name & Description	Remarks
R351	ERG2ANJ153H	METAL OXIDE 2W 15K	
R352	ERG2ANJ153H	METAL OXIDE 2W 15K	
R353	ERG2ANJ153H	METAL OXIDE 2W 15K	
R354	ERD25TJ272	CARBON 1/4W 2.7K	
R355	ERD25TJ272	CARBON 1/4W 2.7K	
R356	ERD25TJ272	CARBON 1/4W 2.7K	
R357	ERDS2TJ392	CARBON 1/4W 3.9K	
R358	ERDS2TJ392	CARBON 1/4W 3.9K	
R359	ERDS2TJ392	CARBON 1/4W 3.9K	
R360	ERDS2TJ391	CARBON 1/4W 390	
R361	ERDS2TJ391	CARBON 1/4W 390	
R362	ERDS2TJ391	CARBON 1/4W 390	

Ref.	Part No.	Part Name & Description	Remarks
R363	ERDS2TJ121	CARBON 1/4W 120	
R364	ERDS2TJ121	CARBON 1/4W 120	
R365	ERDS2TJ121	CARBON 1/4W 120	

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks
C351	F1D1H471A012	CERAMIC 50V 470PF	
C352	F1D1H471A012	CERAMIC 50V 470PF	
C353	F1D1H561A012	CERAMIC 50V 560PF	
C354	F1B3D1020008	CERAMIC 2KV 1000PF	
C357	F2A1C220A217	ELECTROLYTIC 16V 22UF	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P351	LSJWD4S460AC	CONNECTOR CABLE W/OUT PLUG	
P352	LSJWE4S390AC	CONNECTOR CABLE W/OUT PLUG	
P353	K3B09CA00005	CRT SOCKET	

MISCELLANEOUS

Ref.	Part No.	Part Name & Description	Remarks
No.			
272	TMM77412	CLAMPER	

12.3.5. CRT C.B.A.

(Models: D, E, F)

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-DF2035	Α
PV-DF2035-K	В
PV-DF205	С
PV-DF2735	D
PV-DF2735-K	E
PV-DF275	F

TRANSISTORS

Ref.	Part No.	Part Name & Description	Remarks
Q351	2SC3063000RL	TRANSISTOR SI NPN	
or Q351	B1BAAN000034	TRANSISTOR SI NPN	
or Q351	B1BAAN000035	TRANSISTOR SI NPN	
Q352	2SC3063000RL	TRANSISTOR SI NPN	
or Q352	B1BAAN000034	TRANSISTOR SI NPN	
or Q352	B1BAAN000035	TRANSISTOR SI NPN	
Q353	2SC3063000RL	TRANSISTOR SI NPN	
or Q353	B1BAAN000034	TRANSISTOR SI NPN	
or Q353	B1BAAN000035	TRANSISTOR SI NPN	
Q354	2SC3311AHA	TRANSISTOR SI NPN	
Q355	2SC3311AHA	TRANSISTOR SI NPN	
Q356	2SC3311AHA	TRANSISTOR SI NPN	

DIODES

Ref. No.	Part No.	Part Name & Description	Remarks
D351	MAZ41500MF	DIODE ZENER 15V	
or D351	B0BA01400041	DIODE ZENER 15V	

RESISTORS

Part No.	Part Name & Description	Remarks
ERG2ANJ153H	METAL OXIDE 2W 15K	
ERG2ANJ153H	METAL OXIDE 2W 15K	
ERG2ANJ153H	METAL OXIDE 2W 15K	
ERD25TJ272	CARBON 1/4W 2.7K	
ERD25TJ272	CARBON 1/4W 2.7K	
ERD25TJ272	CARBON 1/4W 2.7K	
ERDS2TJ332	CARBON 1/4W 3.3K	
	ERG2ANJ153H ERG2ANJ153H ERG2ANJ153H ERD25TJ272 ERD25TJ272 ERD25TJ272	ERG2ANJ153H METAL OXIDE 2W 15K ERD25TJ272 CARBON 1/4W 2.7K ERD25TJ272 CARBON 1/4W 2.7K ERD25TJ272 CARBON 1/4W 2.7K

PV-DF205 / PV-DF2035 / PV-DF275 / PV-DF2735 / PV-DF2035-K / PV-DF2735-K

Ref.	Part No.	Part Name & Description	Remarks
No.			
R358	ERDS2TJ332	CARBON 1/4W 3.3K	
R359	ERDS2TJ332	CARBON 1/4W 3.3K	
R360	ERDS2TJ331	CARBON 1/4W 330	
R361	ERDS2TJ331	CARBON 1/4W 330	
R362	ERDS2TJ331	CARBON 1/4W 330	
R363	ERDS2TJ101	CARBON 1/4W 100	
R364	ERDS2TJ101	CARBON 1/4W 100	
R365	ERDS2TJ101	CARBON 1/4W 100	

CAPACITORS

Ref.	Part No.	Part Name & Description	Remarks
C351	F1D1H471A012	CERAMIC 50V 470PF	
C352	F1D1H471A012	CERAMIC 50V 470PF	
C353	F1D1H471A012	CERAMIC 50V 470PF	
C354	F1B3D1020008	CERAMIC 2KV 1000PF	
C357	F2A1C220A217	ELECTROLYTIC 16V 22UF	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P351	LSJWD4S540AC	CONENECTOR CABLE W/OUT PLUG	
P352	LSJWE6S390AC	CONENECTOR CABLE W/OUT PLUG	
P360	K3B09CA00005	CRT SOCKET	

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
96	TMM7464-1	CLAMPER	

12.3.6. DVD MAIN C.B.A.

INTEGRATED CIRCUITS

INTEGRATED CIRCUITS			
Ref. No.	Part No.	Part Name & Description	Remarks
IC8001	MN2DS03VP1H	IC, SYSTEM LSI	E.S.D. MKI
IC8002	LSSK0058	IC, 16M FLASH MEMORY	E.S.D. MKI
IC8003	C3ABPG000142	IC, 64M D RAM	E.S.D. MKI
or IC8003	C3ABPG000133	IC, 64M SDRAM	E.S.D. MKI
IC8004	LSSK0056	IC, 4K EEP ROM	E.S.D. MKI
IC8005	C0DBEZG00017	IC, LINEAR	MKI
IC8501	C0FBBK000035	IC, LINEAR	MKI
IC8503	C0ABBB000256	IC, LINEAR	MKI
IC8801	C0GBG0000054	IC, LINEAR	MKI

TRANSISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
Q8401	2SB1218A0L	TRANSISTOR SI PNP CHIP	MKI
or Q8401	B1ADCF000063	TRANSISTOR SI PNP CHIP	MKI
or Q8401	B1ADCF000075	TRANSISTOR SI PNP CHIP	MKI
Q8402	2SB1218A0L	TRANSISTOR SI PNP CHIP	MKI
or Q8402	B1ADCF000063	TRANSISTOR SI PNP CHIP	MKI
or Q8402	B1ADCF000075	TRANSISTOR SI PNP CHIP	MKI
Q8403	2SB1218A0L	TRANSISTOR SI PNP CHIP	MKI
or Q8403	B1ADCF000063	TRANSISTOR SI PNP CHIP	MKI
or Q8403	B1ADCF000075	TRANSISTOR SI PNP CHIP	MKI
Q8404	2SB1218A0L	TRANSISTOR SI PNP CHIP	MKI
or Q8404	B1ADCF000063	TRANSISTOR SI PNP CHIP	MKI
or Q8404	B1ADCF000075	TRANSISTOR SI PNP CHIP	MKI
Q8501	UNR511500L	TRANSISTOR SI PNP CHIP	MKI
or Q8501	B1GDCFJA0017	TRANSISTOR SI PNP CHIP	MKI
or Q8501	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	MKI

Ref. No.	Part No.	Part Name & Description	Remarks
Q8502	UNR521500L	TRANSISTOR SI NPN CHIP	MKI
or Q8502	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	MKI
or Q8502	B1GBCFJA0013	TRANSISTOR SI NPN CHIP	MKI
Q8503	UNR521500L	TRANSISTOR SI NPN CHIP	MKI
or Q8503	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	MKI
or Q8503	B1GBCFJA0013	TRANSISTOR SI NPN CHIP	MKI
Q8504	UNR521500L	TRANSISTOR SI NPN CHIP	MKI
or Q8504	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	MKI
or Q8504	B1GBCFJA0013	TRANSISTOR SI NPN CHIP	MKI
Q8505	UNR521500L	TRANSISTOR SI NPN CHIP	MKI
or Q8505	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	MKI
or Q8505	B1GBCFJA0013	TRANSISTOR SI NPN CHIP	MKI
Q8901	2SD1819A0L	TRANSISTOR SI NPN CHIP	MKI
or Q8901	B1ABCF000020	TRANSISTOR SI NPN CHIP	MKI
Q8902	2SD1819A0L	TRANSISTOR SI NPN CHIP	MKI
or Q8902	B1ABCF000020	TRANSISTOR SI NPN CHIP	MKI
Q8903	2SB0709A0L	TRANSISTOR SI PNP CHIP	MKI
or Q8903	B1ADCC000004	TRANSISTOR SI PNP CHIP	MKI
or Q8903	B1ADCF000001	TRANSISTOR SI PNP CHIP	MKI
or Q8903	B1ADCF000077	TRANSISTOR SI PNP CHIP	MKI
Q8904	2SB0709A0L	TRANSISTOR SI PNP CHIP	MKI
or Q8904	B1ADCC000004	TRANSISTOR SI PNP CHIP	MKI
or Q8904	B1ADCF000001	TRANSISTOR SI PNP CHIP	MKI
or Q8904	B1ADCF000077	TRANSISTOR SI PNP CHIP	MKI
Q8905	UNR521100L	TRANSISTOR SI NPN CHIP	MKI
or Q8905	B1GBCFJJ0001	TRANSISTOR SI NPN CHIP	MKI
or Q8905	B1GBCFJJ0007	TRANSISTOR SI NPN CHIP	MKI
or Q8905	B1GBCFJJ0035	TRANSISTOR SI NPN CHIP	MKI
Q8906	UNR511500L	TRANSISTOR SI PNP CHIP	MKI
or Q8906	B1GDCFJA0017	TRANSISTOR SI PNP CHIP	MKI
or Q8906	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	MKI

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	DIODES				
Ref. No.	Part No.	Part Name & Description	Remarks		
D8001	MA2J111008	DIODE SI CHIP	MKI		
or D8001	B0ACCK000005	DIODE SI CHIP	MKI		
or D8001	MA2J11100L	DIODE SI CHIP	MKI		

RESISTORS

Part No.	Part Name & Description	Remarks
ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	MKI
ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	MKI
EXB38V820JV	ARRAY CHIP 82	MKI
EXB38V820JV	ARRAY CHIP 82	MKI
EXB38V820JV	ARRAY CHIP 82	MKI
ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	MKI
ERJ3GEYJ103V	MGF CHIP 1/16W 10K	MKI
ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	MKI
ERJ3GEYJ221V	MGF CHIP 1/16W 220	MKI
ERJ3GEYJ221V	MGF CHIP 1/16W 220	MKI
ERJ3GEYJ183V	MGF CHIP 1/16W 18K	MKI
ERJ3GEYJ153V	MGF CHIP 1/16W 15K	MKI
	ERJ3GEYJ102V ERJ3GEYJ472V ERJ3GEYJ472V EXB38V820JV EXB38V820JV EXB38V820JV ERJ3GEYJ472V ERJ3GEYJ103V ERJ3GEYJ222V ERJ3GEYJ221V ERJ3GEYJ221V ERJ3GEYJ21V	ERJ3GEYJ102V MGF CHIP 1/16W 1K ERJ3GEYJ472V MGF CHIP 1/16W 4.7K ERJ3GEYJ472V MGF CHIP 1/16W 4.7K EXB38V820JV ARRAY CHIP 82 EXB38V820JV ARRAY CHIP 82 EXB38V820JV ARRAY CHIP 82 EXB3GEYJ472V MGF CHIP 1/16W 4.7K ERJ3GEYJ103V MGF CHIP 1/16W 10K ERJ3GEYJ222V MGF CHIP 1/16W 2.2K ERJ3GEYJ221V MGF CHIP 1/16W 220 ERJ3GEYJ221V MGF CHIP 1/16W 220 ERJ3GEYJ183V MGF CHIP 1/16W 18K

Ref.	Part No.	Part Name & Description	Remarks
No. R8021	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	MKI
R8023	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	MKI
R8024	EXB38V820JV	ARRAY CHIP 82	MKI
R8025	ERJ3GEYJ271V	MGF CHIP 1/16W 270	MKI
R8026	ERJ3GEYJ271V	MGF CHIP 1/16W 270	MKI
R8027	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	MKI
R8028	ERJ3GEYJ271V	MGF CHIP 1/16W 270	MKI
R8029	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8030	ERJ3GEYJ270V	MGF CHIP 1/16W 27	MKI
R8033 R8034	ERJ3GEYJ103V EXB38V820JV	MGF CHIP 1/16W 10K ARRAY CHIP 82	MKI
R8035	EXB38V820JV	ARRAY CHIP 82	MKI
R8036	EXB38V820JV	ARRAY CHIP 82	MKI
R8037	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8038	ERA3YED273V	MGF CHIP 1/16W 27K	MKI
R8039	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	MKI
R8040	ERJ3GEYJ330V	MGF CHIP 1/16W 33	MKI
R8041	ERA3YED221V	MGF CHIP 1/16W 220	MKI
R8042	ERJ3GEYJ330V	MGF CHIP 1/16W 33	MKI
R8043	ERA3YED332V	MGF CHIP 1/16W 3.3K	MKI
R8044 R8046	ERA3YED151V ERJ3GEYJ153V	MGF CHIP 1/16W 150 MGF CHIP 1/16W 15K	MKI
R8047	ERJ3GEYJ223V	MGF CHIP 1/16W 15K	MKI
R8048	ERA3YED822V	MGF CHIP 1/16W 8.2K	MKI
R8049	ERJ3GEYJ101V	MGF CHIP 1/16W 100	MKI
R8051	EXB38V820JV	ARRAY CHIP 82	MKI
R8052	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	MKI
R8053	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	MKI
R8056	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8057	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8058	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8059 R8060	ERJ1TYJ4R7U ERA3YED103V	MGF CHIP 1W 4.7 MGF CHIP 1/16W 10K	MKI
R8061	ERASTEDIOSV ERASTEDIOSV	MGF CHIP 1/16W 10K	MKI
R8065	ERJ3GEYJ6R8V	MGF CHIP 1/16W 6.8	MKI
R8066	ERJ3GEYJ101V	MGF CHIP 1/16W 100	MKI
R8067	ERJ3GEYJ101V	MGF CHIP 1/16W 100	MKI
R8068	ERJ3GEYJ101V	MGF CHIP 1/16W 100	MKI
R8071	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8401	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8402	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8403 R8404	ERA3YED102V ERA3YED102V	MGF CHIP 1/16W 1K MGF CHIP 1/16W 1K	MKI
R8405	ERA3YED302V	MGF CHIP 1/16W 3K	MKI
R8406	ERA3YED302V	MGF CHIP 1/16W 3K	MKI
R8409	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8410	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8418	ERA3YED181V	MGF CHIP 1/16W 180	MKI
R8419	ERA3YED181V	MGF CHIP 1/16W 180	MKI
R8420	ERJ3GEYJ121V	MGF CHIP 1/16W 120	MKI
R8421 R8422	ERJ3GEYJ560V	MGF CHIP 1/16W 56	MKI
R8423	ERJ3GEYJ560V ERA3YHD750V	MGF CHIP 1/16W 56 MGF CHIP 1/16W 75	MKI
R8424	ERA3YHD750V	MGF CHIP 1/16W 75	MKI
R8425	ERJ3GEYJ680V	MGF CHIP 1/16W 68	MKI
R8426	ERJ3GEYJ330V	MGF CHIP 1/16W 33	MKI
R8427	ERJ3GEYJ330V	MGF CHIP 1/16W 33	MKI
R8501	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8502	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8503	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8504 R8518	ERJ3GEYJ223V ERJ3GEYF822V	MGF CHIP 1/16W 22K MGF CHIP 1/16W 8.2K	MKI
R8520	ERJ3GEYF822V ERJ3GEYF822V	MGF CHIP 1/16W 8.2K	MKI
R8533	ERJ3GEYF163V	MGF CHIP 1/16W 8.2K MGF CHIP 1/16W 16K	MKI
R8534	ERJ3GEYJ622V	MGF CHIP 1/16W 6.2K	MKI
R8535	ERJ3GEYF163V	MGF CHIP 1/16W 16K	MKI
R8536	ERJ3GEYJ622V	MGF CHIP 1/16W 6.2K	MKI
R8557	ERJ3GEYJ471V	MGF CHIP 1/16W 470	MKI
R8558	ERJ3GEYJ471V	MGF CHIP 1/16W 470	MKI
R8565	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	MKI
R8566	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI
R8567 R8568	ERJ3GEYJ473V ERJ3GEYJ102V	MGF CHIP 1/16W 47K MGF CHIP 1/16W 1K	MKI
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Ref.	Part No.	Part Name & Description	Remarks
No.			
R8572	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	MKI
R8573	ERJ3GEY0R00V	MGF CHIP 1/16W 0	MKI
R8801	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	MKI
R8802	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	MKI
R8804	ERJ3GEYJ823V	MGF CHIP 1/16W 82K	MKI
R8805	ERJ3GEYJ823V	MGF CHIP 1/16W 82K	MKI
R8902	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8903	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	MKI
R8904	ERJ3GEYJ821V	MGF CHIP 1/16W 820	MKI
R8905	ERJ3GEYJ331V	MGF CHIP 1/16W 330	MKI
R8906	ERJ3GEYJ821V	MGF CHIP 1/16W 820	MKI
R8907	ERJ3GEYJ331V	MGF CHIP 1/16W 330	MKI
R8908	ERJ3GEYJ560V	MGF CHIP 1/16W 56	MKI
R8909	ERJ3GEYJ560V	MGF CHIP 1/16W 56	MKI
R8910	ERJ12YJ270U	MGF CHIP 1/2W 27	MKI
R8911	ERJ12YJ270U	MGF CHIP 1/2W 27	MKI
R8912	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	MKI
R8913	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	MKI
R8914	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	MKI
R8917	ERJ3GEYJ100V	MGF CHIP 1/16W 10	MKI
R8918	ERJ3GEYJ100V	MGF CHIP 1/16W 10	MKI
R8919	ERJ3GEYJ3R9V	MGF CHIP 1/16W 3.9	MKI
R8920	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	MKI

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CAPACITORS				
Ref. No.	Part No.	Part Name & Description	Remarks	
C8001	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8002	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8003	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	MKI	
C8004	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8006	F1H1H103A219	C CHIP 50V 0.01UF	MKI	
C8007	F1H1C104A041	C CHIP 16V 0.1UF	MKI	
C8008	F1H1C104A041	C CHIP 16V 0.1UF	MKI	
C8009	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8010	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8011	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8012	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8013	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8014	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8015	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8016	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8017	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8018	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	MKI	
C8019	F1H1C104A041	C CHIP 16V 0.1UF	MKI	
C8020	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8021	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8022	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8023	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8024	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8025	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8026	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8027	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8028	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8029	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8030	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8031	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8032	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8033	ECJ1VB1E333K	C CHIP 25V 0.033UF	MKI	
C8034	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8035	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8036	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8037	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8038	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8039	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8040	F1H1H562A219	C CHIP 50V 5600PF	MKI	
C8041	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8042	F1H1E183A029	C CHIP 25V 0.018UF	MKI	
C8043	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI	
C8044	F1H1C104A041	C CHIP 16V 0.1UF	MKI	
C8045	F1H1C104A041	C CHIP 16V 0.1UF	MKI	
C8046	F1H0J1050012	C CHIP 6.3V 1UF	MKI	
C8047	F1H1C104A041	C CHIP 16V 0.1UF	MKI	
C8048	F1H1C104A041	C CHIP 16V 0.1UF	MKI	

	1 V-D1 203 / 1	7-DF2035 / FV-DF215 / FV-DF2135 / FV-DF20	300 IX 7 I V DI
Ref.	Part No.	Part Name & Description	Remarks
No.	E1111G1043041	G GUID 16V O 1VE	MET
C8049	F1H1C104A041	C CHIP 16V 0.1UF	MKI
C8050	F1H1C104A041	C CHIP 16V 0.1UF	MKI
	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8052	ECJ2FB0J106K	C CHIP 6.3V 1UF	MKI
C8053	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8054	F1H0J1050012	C CHIP 6.3V 1UF C CHIP 6.3V 1UF	MKI
C8055 C8056	F1H0J1050012 F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8057	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8058	ECJ2FB0J106K	C CHIP 6.3V 10F	MKI
	ECJ1VC1H330J	C CHIP 50V 33PF	MKI
C8060	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8061	F1H0J1050012	C CHIP 6.3V 1UF	MKI
	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8063	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8064	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8065	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8066	F1H0J1050012	C CHIP 6.3V 1UF	MKI
	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8068	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8069	F1H0J1050012	C CHIP 6.3V 1UF	MKI
	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8071	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI
C8072	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	MKI
		ELECTROLYTIC 6.3V 100UF	MKI
C8074	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8075	F1H1C104A041	C CHIP 16V 0.1UF	MKI
C8076	F1H1H5R0A242	C CHIP 50V 5PF	MKI
C8077	ECJ1VC1H150J	C CHIP 50V 15PF	MKI
C8078	ECJ1VC1H150J	C CHIP 50V 15PF	MKI
C8080	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8081	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8082	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8083	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8086	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8090	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	MKI
C8091	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	MKI
C8401	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	MKI
C8402	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8403	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	MKI
C8404	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8412	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	MKI
C8413	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8414	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8415	ECJ1VC1H220J	C CHIP 50V 22PF	MKI
C8416	ECJ1VC1H220J	C CHIP 50V 22PF	MKI
C8417	ECJ1VC1H390J	C CHIP 50V 39PF	MKI
C8418	ECJ1VC1H390J	C CHIP 50V 39PF	MKI
C8419	ECJ1VC1H390J	C CHIP 50V 39PF	MKI
C8420	ECJ1VC1H390J	C CHIP 50V 39PF	MKI
C8421	ECJ1VC1H220J	C CHIP 50V 22PF	MKI
C8422	ECJ1VC1H220J	C CHIP 50V 22PF	MKI
C8423	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8424	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8425	F2A0J1010041	ELECTROLYTIC 6.3V 100UF	MKI
C8504	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8505	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8506	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8507	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8508	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8512	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8513	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8520	F2A1A3300014	ELECTROLYTIC 10V 33UF	MKI
C8521	F2A1C1010047	ELECTROLYTIC 16V 100UF	MKI
C8522	F1H1C104A041	C CHIP 16V 0.1UF	MKI
C8523	F2A1A3300014	ELECTROLYTIC 10V 33UF	MKI
C8536	ECJ1VC1H101J	C CHIP 50V 100PF	MKI
C8537	ECJ1VC1H101J	C CHIP 50V 100PF	MKI
C8544	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8545	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8553	F1H1H472A219	C CHIP 50V 4700PF	MKI
C8555	F1H1H472A219	C CHIP 50V 4700PF	MKI
C8568	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI

Ref. No.	Part No.	Part Name & Description	Remarks
C8569	F2A1C1000035	ELECTROLYTIC 16V 10UF	MKI
C8803	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8805	F1H1A105A028	C CHIP 10V 1UF	MKI
C8807	ECJ3YF1A106Z	C CHIP 10V 10UF	MKI
C8808	F2A1A3300014	ELECTROLYTIC 10V 33UF	MKI
C8809	F1H1C104A041	C CHIP 16V 0.1UF	MKI
C8813	F1H1A105A028	C CHIP 10V 1UF	MKI
C8901	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8905	F1H1C104A041	C CHIP 16V 0.1UF	MKI
C8907	F1H1C104A041	C CHIP 16V 0.1UF	MKI
C8908	F2A0J4700014	ELECTROLYTIC 6.3V 47UF	MKI
C8909	F2A0J4700014	ELECTROLYTIC 6.3V 47UF	MKI
C8911	F1H1H102A219	C CHIP 50V 0.001UF	MKI
C8917	ECJ2FB0J106K	C CHIP 6.3V 10UF	MKI
C8920	F1H0J1050012	C CHIP 6.3V 1UF	MKI
C8921	ECJ1VC1H560J	C CHIP 50V 56PF	MKI
C8922	ECJ1VC1H560J	C CHIP 50V 56PF	MKI

FILTERS

Ref. No.	Part No.	Part Name & Description	Remarks
FL8502	J0HAAG000015	EMI FILTER CHIP	MKI

		COILS	
Ref. No.	Part No.	Part Name & Description	Remarks
L8001	J0JCC0000117	EMI FILTER CHIP	MKI
L8002	J0JDC0000002	EMI FILTER CHIP	MKI
L8005	J0JDC0000002	EMI FILTER CHIP	MKI
L8006	J0JCC0000215	EMI FILTER CHIP	MKI
L8007	J0JDC0000002	EMI FILTER CHIP	MKI
L8008	J0JDC0000002	EMI FILTER CHIP	MKI
L8009	J0JDC0000002	EMI FILTER CHIP	MKI
L8010	J0JHC0000027	EMI FILTER CHIP	MKI
L8011	J0JCC0000215	EMI FILTER CHIP	MKI
L8012	J0JCC0000215	EMI FILTER CHIP	MKI
L8013	J0JCC0000215	EMI FILTER CHIP	MKI
L8014	J0JCC0000063	EMI FILTER CHIP	MKI
L8015	J0JCC0000063	EMI FILTER CHIP	MKI
L8016	J0JCC0000063	EMI FILTER CHIP	MKI
L8017	J0JCC0000063	EMI FILTER CHIP	MKI
L8018	J0JCC0000063	EMI FILTER CHIP	MKI
L8019	J0JCC0000215	EMI FILTER CHIP	MKI
L8020	J0JCC0000215	EMI FILTER CHIP	MKI
L8021	J0JCC0000215	EMI FILTER CHIP	MKI
L8401	J0JDC0000002	EMI FILTER CHIP	MKI
L8402	G1C270MA0021	COIL CHIP 27UH	MKI
L8403	G1C270MA0021	COIL CHIP 27UH	MKI
L8404	G1C330MA0021	COIL CHIP 33UH	MKI
L8405	G1C330MA0021	COIL CHIP 33UH	MKI
L8406	G1C270MA0021	COIL CHIP 27UH	MKI
L8407	G1C270MA0021	COIL CHIP 27UH	MKI
L8408	J0JDC0000002	EMI FILTER CHIP	MKI
L8411	ERJ3GEY0R00V	MGF CHIP 1/16W 0	MKI
L8412	J0JHC0000068	EMI FILTER CHIP	MKI
L8413	J0JHC0000078	EMI FILTER CHIP	MKI
L8414	J0JHC0000054	EMI FILTER CHIP	MKI
L8415	J0JHC0000068	EMI FILTER CHIP	MKI
L8416	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8418	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8419	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8420	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8421	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8422	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8424	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8429	Ј0ЈНС0000078	EMI FILTER CHIP	MKI
L8431	J0JCC0000063	EMI FILTER CHIP	MKI
L8434	J0JCC0000063	EMI FILTER CHIP	MKI
L8438	J0JHC0000054	EMI FILTER CHIP	MKI
L8439	J0JHC0000054	EMI FILTER CHIP	MKI
L8501	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8503	J0JBC0000010	BEAD INDUCTOR CHIP	MKI
L8517	J0JCC0000063	EMI FILTER CHIP	MKI
L8518	J0JDC0000002	EMI FILTER CHIP	MKI

Ref. No.	Part No.	Part Name & Description	Remarks
L8901	J0JDC0000002	EMI FILTER CHIP	MKI

CRYSTAL OSCILLATOR

Ref. No.	Part No.	Part Name & Description	Remarks
X8001	н0J270500066	CRYSTAL OSCILLATOR	MKI

PIN HEADERS

Ref.	Part No.	Part Name & Description	Remarks
P8401	K1MN16A00071	CONNECTOR 16P	MKI
P8402	K1MR11A00017	CONNECTOR 11P	MKI
P8901	K1MN25B00070	CONNECTOR 25P	MKI

12.3.7. DVD SUB C.B.A.

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW8951	ESE31R01T	SWITCH PUSH	MKI
SW8952	ESE31L01T	SWITCH PUSH	MKI